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LIST

OF

BOOKS AND OF ARTICLES IN PERIODICALS

RELATING TO

INTEROCEANIC CANAL AND RAILWAY ROUTES

(NICARAGUA; PANAMA, DARIEN, AND THE VALLEY OF THE ATRATO; TEHUANTEPEC AND HONDURAS; SUEZ CANAL).

BY

HUGH A. MORRISON, Jr.,
OF THE LIBRARY OF CONGRESS.

WITH AN APPENDIX:

BIBLIOGRAPHY OF UNITED STATES PUBLIC DOCUMENTS.

Prepared in the office of the Superintendent of Documents.

JANUARY 4, 1900.—Presented by Mr. MORGAN, from the Committee on Interoceanic Canals, and ordered to be printed.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
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LETTER OF TRANSMITTAL.

THE LIBRARY OF CONGRESS,
THE LIBRARIAN'S OFFICE,
Washington, January 3, 1900.

SIR: In response to your verbal request for any list that the Library of Congress can furnish of sources of information in print upon the Nicaragua and other interoceanic canal and railway routes, I take pleasure in sending herewith a list lately compiled by Mr. Hugh A. Morrison, jr., of the Reading Room service in the library.

Very respectfully,

HERBERT PUTNAM,
Librarian.

Hon. JOHN T. MORGAN,
United States Senate, Chairman, etc.

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INTRODUCTION.

This list comprises upward of 863 books and pamphlets (of which the Library of Congress possesses 482) and 1,176 articles in periodicals (of which the Library of Congress possesses 980).

The following have been used for bibliographical information: Bancroft's History of Central America (particularly the copious references in Vol. III, pp. 688–746); Davis's Report on Interoceanic Canals and Railroads, pp. 32–37; Keasbey's Nicaragua Canal and Monroe Doctrine; Sullivan's Report on the Historical and Technical Information Relating to the Problem of Interoceanic Communication, pp. 214–219.

Poole's Index, Jones's Index to Legal Periodicals and the Repertorium der Technischen Journal-Litteratur, have supplied references to articles in magazines.

The following catalogues have been drawn upon for titles: Bibliothèque Nationale. Catalogue de l'histoire de l'Afrique; The Bibliotheca Geographica, 1891–1895; The British Museum Catalogues (particularly the subject catalogues prepared by G. K. Fortescue); Ibrahim-Himly. The Literature of Egypt and the Soudan, London, 1886; Nourse. Maritime Canal of Suez, Washington, 1884.

The titles found in these catalogues which represent books not in the Library have necessarily not been verified.

The list is intended primarily to supply the titles of works requisite for the practical study of interoceanic canal problems. There have, however, been included some of the chief authorities on the historical side.

The "Monroe Doctrine" and the "Clayton-Bulwer Treaty" have been noticed; but no attempt has been made to include more than the chief authorities. The literature of the "Monroe Doctrine" is more fully presented in the bibliography by Prof. J. F. Jameson, printed as an appendix to Gilman's Life of Monroe.

The list contains also some titles on the boundary dispute between Costa Rica and Nicaragua.

The literature of the Suez Canal has been included as affording practical illustrative material.

In the early part of 1899 there was issued by Mr. L. C. Ferrell, superintendent of documents, a "Bibliography of United States publications relating to interoceanic communication," and the work being now scarce it is here reprinted, by permission, as an appendix.

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CONTENTS.

		Pages.
PART I.	General treatises:	
	Books	9–14
	Articles in periodicals	15–20
II.	Nicaragua route:	
	Books	21–33
	Articles in periodicals	34–51
III.	Panama, Darien, and the Valley of the Atrato routes:	
	Books	52–65
	Articles in periodicals	66–85
IV.	Tehuantepec and Honduras routes:	
	Books	86–91
	Articles in periodicals	92–94
V.	Suez Canal:	
	Books	95–115
	Articles in periodicals	116–131

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PUBLICATIONS RELATING TO INTEROCEANIC CANAL AND RAILWAY ROUTES.

[Articles starred are not in the Library of Congress. The location, where known, of books not in the Library of Congress, is indicated as follows: W. D. L., War Department Library; B. M., British Museum; B. N., Bibliothèque Nationale; G. S., Geological Survey.]

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CONTENTS.

Vol. 1. Report XII, 502 pp., 32 pl.

Appendix 1. Report of E. S. Wheeler, Chief Engineer. 2. Report on the geology and physiography of the Nicaragua canal route. By Charles Willard Hayes. Microscopic petrography of the rocks from the Nicaragua canal regions. By F. Leslie Ransome. 3. Report of hydrographic investigations in Nicaragua made for the Nicaragua Canal Commission. By Arthur P. Davis. 4. Report on the western division. By J. W. G. Walker. 5. Report on the San Juan River and Lake Nicaragua. By Francis Lee Stuart. 6. Report of H. H. Trundle. 7. Report of Boyd Ehle. 8. Report of S. S. Evans. 9. Report on the precise level line from the Caribbean Sea to the Pacific Ocean. By Stephen Harris. 10. Report of Andrew Onderdonk. 11. Report of L. Hawkins.

Vol. 2. Atlas. Forty-two folded maps and plans.

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TABLE OF REFERENCES TO SPECIFIC ROUTES.

[The numbers in black-face type refer to reports of surveys.]

Atrato route. *See* Various routes.

Brazilian route 195

Chiriqui route 35

Honduras route 127

Napipi route **52**

Nicaragua route 15, 20, 22, 23, 25, 26, 27, 28, 29, 38, 39, 43, 45, 46, **50**, **53**, 75, 81, 82, 85, 86, 87, 89, 90, 91, 92, 93, 94, 95, 96, **100**, **101**, 104, 105, 106, **109**, 110, 113, 115, 116, 120, 121, 126, 128, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 144, 145, 146, **147**, 148, 149, 150, 151, 152, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 171, 172, 176, 177, 178, **182**, 183, **186**, **187**, 188, 189, 190, 191, 192, 194, 196, 197, 198, 199, 200, 201, 202, 205, 206, 208, 209, 210, **211**, 214, 216, 220, 222, 223, 224

Panama route 1, 4, 6, 8, 10, 12, **24**, **33**, **34**, 38, 40, **49**, 51, 54, 56, 57, 60, 68, 79, 80, 83, 84, **93**, 96, 97, 98, 102, 103, 111, 112, 117, 122, 123, 143, 153, 154, 180, 203, 204, 207

Suez route 58, 59, 99, 114, 118, 129, 170, 174, 179, 181, 184, 193, 218

Tehuantepec route 11, 17, 18, 19, 21, 32–37, 38, **42**, 73, 77, 88, **93**, 106, **107**, **108**, 173, 185

Various routes 2, 3, 5, 7, 9, 13, 14, 16, 31, 36 38, 44, 47, 48, 49, **53**, 61, 62, 63, 64, 70, 71, 72, 74, 76, 78, 91, **93**, 125, 133, **147**

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NOTE.—The following list of documents relating to interoceanic communication is arranged chronologically as to date of publication, with an index. The contents of each document are analyzed as far as practicable as an aid to reference.

The index refers to the numbers in parentheses on the left margin of each page.

The number in brackets appended to each entry is the serial number given to Congressional documents as indicated by the checklist of public documents issued by this office.

The hyphenated figures in parentheses are the number and session of the Congress in which the documents cited were issued.

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UNITED STATES PUBLIC DOCUMENTS.

(1) **1827.** *Report. 7 pp. (19–2. H. rp. 56, in v. 1.)*
Naval Affairs Committee, House. Report presented by Henry R. Storrs, relative to expediency of communication across Isthmus of Panama. Jan. 24, 1827. [159]

[Shows the appreciation our forefathers had of the value of the isthmian way, though this report does not advocate a canal.]

(2) **1835.** *Resolution. (23–2. S. journal, p. 238.)*
Clayton, J. M. Resolution requesting President to investigate expediency of opening negotiations with other nations regarding construction of ship canal by way of American isthmus to unite Atlantic and Pacific oceans. Mar. 3, 1835. [265]

(3) **1837.** *Message. (24–2. S. journal, p. 100.)*
Jackson, Andrew. Message informing Senate that in compliance with its resolution an agent had investigated the situation and character of the country through which a canal would pass connecting the Atlantic and Pacific oceans, and reported it would not be expedient at present to enter into any negotiations with foreign countries relating thereto. Jan. 9, 1837. [296]

(4) **1838.** *Correspondence. 103 pp. 1 map. (25–2. H. ex. doc. 228, in v. 8.)*

State Department. Letter of Secretary John Forsyth, transmitting information required by resolution of House in relation to ship canal across Isthmus of Darien. Mar. 14, 1838. [328]

[Contains correspondence, documents, etc., relative to measures adopted in concert with other nations for construction of canal.]

(5) **1839.** *Report. 167 pp. 3 maps. (25–3. H. rp. 322, in v. 2.)*
Roads and Canals Committee, House. Report presented by C. F. Mercer, relative to ship canal across isthmus between North and South America. Mar. 2, 1839. [352]

[Contains well-written account of the value and scope of project, with reference to historical facts relating thereto; translation of decree of Congress of Guatemala, granting certain privileges for building of canal; correspondence with Aaron H. Palmer, C. Bolton, and others.]

(6) **1840.** *Remonstrance. 1 p. (26–1. S. doc. 244, in v. 5.)*
Indiana, citizens of. Petition of number of citizens of Indiana praying the occupation and settlement of Oregon Territory, and construction of road thereto; remonstrating against construction of proposed ship canal across Isthmus of Darien. Mar. 4, 1840. [358]

(7) **1844.** *Correspondence. 9 pp. (28–1. H. ex. doc. 77, in v. 4.)*
State Department. Letter of Secretary A. P. Upshur, transmitting correspondence with United States chargé at Bogota and others regarding formation of a junction between the Atlantic and Pacific oceans. Jan. 23, 1844. [442]

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(8) **1846.** *Correspondence. 35 pp. (29–1. S. doc. 339, in v. 7.)*
State Department. Report of Secretary James Buchanan, submitting correspondence of ministers abroad relative to a ship canal across Isthmus of Panama. May 11, 1846. [476]

[Contains interesting report of Henry Wheaton on "Water communication between Europe and the East."]

(9) **1848.** *Memoir. 82 pp. (30–1. S. mis. doc. 80, in v. 1.)*
Palmer, Aaron H. Memoir, geographical, political, and commercial, on present state, productive resources, and capabilities for commerce of Siberia, Manchuria, and Asiatic islands of Northern Pacific ocean; and importance of opening commercial intercourse with those countries. Mar. 8, 1848. [511]

[This memoir is an extract from a work entitled "The Unknown Countries of the East," by Aaron H. Palmer, and contains valuable information relating to resources, etc., of the Orient. The ninth section of the report deals with the question of a ship canal across American isthmus.]

(10) **1848.** *Memorial. 4 pp. (30–2. S. mis. doc. 1, in v. 1.)*
Aspinwall, Wm. H., Stephens, John L., and Chauncey, Henry. Memorial in reference to construction of railroad across Isthmus of Panama. Dec. 11, 1848. [533]

(11) **1849.** *Petition. 4 pp. (30–2. S. mis. doc. 50, in v. 1.)*
Hargous, P. A. Petition offering to consideration of Congress the advantages of a railroad across Isthmus of Tehuantepec, and praying that Congress, before final action on subject, will allow time for establishing facts therein stated. Feb. 6, 1849. [533]

(12) **1849.** *Report. 46 pp. (30–2. H. rp. 26, in v. 1.)*
Naval Affairs Committee, House. Report, presented by T. B. King, recommending that the petition of W. H. Aspinwall, John L. Stephens, and Henry Chauncey be granted, and that they be given $250,000 a year to aid in building railroad across isthmus. Jan. 16, 1849. [545]

[Contains tables of distances between principal ports, and the saving of both distance and time by canal; commercial tables; a copy of the memorial and also of contract between the memorialists and New Granada; with a letter on the topography of the Isthmus by J. J. Abert.]

(13) **1849.** *Report. 679 pp. (30–2. H. rp. 145, in v. 2.)*
Rockwell, John A. Report of select committee authorized to investigate certain routes for canal or railroad between Atlantic and Pacific oceans. Feb. 20, 1849. [546]

[Contains report of surveys; memoir on interoceanic communication, by J. H. Alexander; memoranda from M. Garella; survey of Tehuantepec Isthmus, by G. Moro; extracts from Humboldt's Essays, Stephens's Central America, and American Quarterly Review; letter from Henry Wheaton; notes respecting the Isthmus of Panama, by J. A. Lloyd; historical facts regarding plans for railroads and canals between the oceans; maps and charts; appendix giving comparison between voyages by canal and those actually made via Cape Horn.]

(14) **1850.** *Report. 36 pp. (31–1. H. rp. 439, in v. 3.)*
Naval Affairs Committee, House. Report presented by F. P. Stanton, on memorial of Memphis convention, praying survey of several routes for railroad from Mississippi to Pacific, and aid of companies in construction of ship canal across Isthmus of Tehuantepec, Panama, or Nicaragua. Aug. 1, 1850. [585]

[Contains correspondence and reports of M. F. Maury, giving interesting information regarding benefits to be derived from canal.]

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(15) **1850.** *Convention.* (*48–2. S. ex doc. 48, v. 1, pt. 2, p. 440.*)
State Department. Convention between United States and Great Britain relative to a ship canal by way of Nicaragua, Costa Rica, and the Mosquito Coast, or any part of Central America. [Clayton-Bulwer treaty.] Proclaimed, July 5, 1850. (In Treaties and Conventions of U. S., 1889, p. 440.) [2262]

(16) **1851.** *Dispatch. 5 pp.* (*32–1. S. ex. doc. 7, in v. 4.*)
Niles, Nathaniel. Dispatch on subject of ship canal to unite waters of Atlantic and Pacific oceans. Dec. 17, 1851. [614]
[Sets forth importance of scheme and gives outlined proposition of project.]

(17) **1852.** *Correspondence. 177 pp.* (*32–1. S. ex. doc. 97, in v. 10.*)
State Department. Report of Acting Secretary W. Hunter, transmitting correspondence between United States and Mexico, respecting a right of way across Isthmus of Tehuantepec. July 30, 1852. [621]

(18) **1852.** *Resolution. 1 p.* (*32–1. S. mis. doc. 111, in v. 1.*)
Brooke, Walter. Resolution regarding restoration by Mexico of right of way across Isthmus of Tehuantepec to American citizens. Aug. 30, 1852. [629]

(19) **1852.** *Report. 20 p.* (*32–1. S. rp. 355, in v. 2.*)
Foreign Relations Committee, Senate. Report presented by J. M. Mason respecting right of way across Isthmus of Tehauntepec. Aug. 30, 1852. [631]

(20) **1853.** *Report. 6 pp.* (*32–2. S. ex. doc. 44, in v. 7.*)
State Department. Report of Secretary Edward Everett, embodying substance of recent communications from British minister on subject of interoceanic canal by Nicaragua route. Feb. 18, 1853. [665]
[Shows importance of relations with Nicaragua on account of canal.]

(21) **1853.** *Resolution. 1 p.* (*32–2. S. mis. doc. 47, in v. 1.*)
Florida legislature. Resolution in favor of establishment of mail route across Isthmus of Tehuantepec. Feb. 17, 1853. [670]

(22) **1853.** *Resolution.* (*33–1. S. journal, p. 30.*)
Cass, Lewis. Resolution requesting President to transmit to Senate any correspondence growing out of treaty of Washington, July 4, 1850. [Clayton-Bulwer treaty.] Dec. 12, 1853. [689]

(23) **1854.** *Correspondence. 13 pp.* (*33–1. S. ex. doc. 13, in v. 4.*)
State Department. Letter of Secretary W. L. Marcy, in response to resolution of Senate, transmitting correspondence with John F. Crampton, the British minister, and others, relative to matters growing out of treaty of Washington, July 4, 1850. [Clayton-Bulwer treaty.] Jan. 3, 1854. [694]

(24) **1854.** *Report. 11 pp.* (*33–2. In S. ex. doc. 1, pt. 2, pp. 1417–27, in v. 2.*)
Strain, I. G. Report on Isthmus of Darien. Oct. 25, 1854. [747]
[Gives an interesting description of country, natives, and exploits of the explorers.]

(25) **1855.** *Correspondence.* (*34–1. In S. ex. doc. 1, pt. 1, p. 42, in v. 1.*)
State Department. Correspondence relative to affairs in Central America and the Clayton-Bulwer treaty. (In Foreign Relations, 1855, v. 1.) [810]
[Contains correspondence preliminary to Clayton-Bulwer treaty, with copy of treaty, etc.]

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(26) **1856.** *Resolution.* (*34–1. S. journal, p. 55.*)
Clayton, J. M. Resolution requesting President to transmit to Senate copy of letter of Lord John Russell to Mr. Crampton, in which British Government declare they "intend to adhere strictly to the treaty of Washington of the 19th of April, 1850" [Clayton-Bulwer treaty], "and not to assume any sovereignty, direct or indirect, in Central America." Jan. 10, 1856. [809]

(27) **1856.** *Resolution.* (*34–1. S. journal, p. 57.*)
Clayton, J. M. Resolution requesting President to transmit correspondence relative to Central American affairs and Clayton-Bulwer treaty. Jan. 17, 1856. [809]

(28) **1856.** *Correspondence. 3 pp.* (*34–1. S. ex. doc. 3, in v. 6.*).
State Department. Further correspondence relative to affairs in Central America and Clayton-Bulwer treaty. Jan. 24, 1856. [815]

(29) **1856.** *Message. 168 pp.* (*34–1. S. ex. doc. 68, in v. 13.*)
Pierce, Franklin. Message and accompanying papers relative to affairs with Government of Nicaragua. May 15, 1856. [822]

[Contains reports and correspondence of consuls on Nicaraguan Canal.]

(30) **1856.** *Correspondence. 10 pp.* (*34–1. S. ex. doc. 82, in v. 14.*)
State Department. Further correspondence relative to affairs in Central America and Clayton-Bulwer treaty. June 2, 1856. [823]

(31) **1856.** *Memoir. 20 pp.* (*34–3. S. ex. doc. 51, in v. 8.*)
Cram, Thomas J. Memoir of ocean routes between Atlantic and Pacific. 1856. [881]

(32) **1858.** *Correspondence. 61 pp.* (*35–1. S. ex. doc. 72, in v. 13.*)
State Department. Letter of Secretary Lewis Cass transmitting correspondence relative to railroad across the Isthmus of Tehuantepec. June 12, 1858. [930]

(33) **1858.** *Report. 8 pp.* (*35–2. In S. ex. doc. 1, pt. 2, p. 1293, in v. 3.*)
Michler, N. Partial report of survey of Isthmus of Darien, with correspondence relating thereto. (In Foreign Relations, 1858, v. 2, pt. 2, p. 1293.) [976]

(34) **1861.** *Report. 2 v. maps.* (*36–2. S. ex. doc. 9, in v. 7.*)
Michler, N. Report of survey for interoceanic ship canal near Isthmus of Darien. Feb. 16, 1861. [1085–6]

[Sets forth importance of canal; gives description of country along line of survey; full account of operations of surveying party; papers on botany and zoology by W. H. Harvey and Arthur Schott; tabulated report of geodetic survey.]

(35) **1861.** *Reports. 70 pp.* (*36–2. H. ex. doc. 41, in v. 6.*)
Chiriqui Commission. Report of F. Engle, and accompanying documents, relative to examination made at Isthmus of Chiriqui to ascertain practicability of building railroad across the isthmus. Jan. 22, 1861. [1097]

[Contains topographical report by J. St. C. Morton; geological report by John Evans; also copy of contract between Ambrose W. Thompson and Costa Rica for constructing and operating a railroad across the isthmus.]

36) **1866.** *Report. 28 pp. 13 maps.* (*39–1. S. ex. doc. 62, in v. 2.*)
Davis, Charles H. Report on various proposed lines for interoceanic canals between Atlantic and Pacific oceans. July 12, 1866. [1238]

Appendix A. Immediate results of canal.
Appendix B. Descriptive list of maps.
Appendix C. Bibliography of Nicaragua Canal publications.

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(37) 1867. *Correspondence. 30 pp. (39-2. S. ex. doc. 25, in v. 2.)*
State Department. Letter of Secretary William H. Seward, transmitting correspondence relative to grants of Mexican Government to American citizens for railroad across the Isthmus of Tehuantepec. Feb. 13, 1867. [1277]

(38) 1867. *Resolution. 1 p. (40-1. H. mis. doc. 24, in v. 1.)*
Banks, N. P. Resolution instructing Foreign Affairs Committee to inquire and report upon measures taken by foreign governments or capitalists to secure control in interests of rival nations of any routes or franchises for transit across Isthmus of Panama, Nicaragua, Honduras, or Tehuantepec, and report what action United States should take to secure interests of American commerce on such transit routes. Mar. 19, 1867. [1312]

(39) 1868. *Treaty. (48-2. S. ex. doc. 47, in v. 1, pt. 2, p. 784.)*
State Department. Provision in treaty with Nicaragua, proclaimed Aug. 13, 1868, relating to Nicaragua Canal. (In Treaties and Conventions of United States, 1899, p. 784.) [2262]

(40) 1870. *Report. 1 p. (41-2. H. ex. doc. 81, in v. 6.)*
Navy Department. Report of Secretary George M. Robeson, in response to House resolution relative to diverting appropriations of Navy Department to the survey of Isthmus of Darien. Jan. 25, 1870. [1417]

(41) 1870. *Report. 37 pp. (41-2. H. ex. doc. 113, in v. 6.)*
Davis, C. H. Report on interoceanic communications at American isthmus. Jan. 11, 1870. [1417]

[Contains nineteen papers translated from Spanish official documents, covering a period of more than thirty years, 1757 to 1788.]

(42) 1871. *Report. 151 pp. 11 pl. (42-2. S. ex. doc. 6, in v. 3.)*
Shufeldt, R. W. Report of explorations and surveys to ascertain the practicability of ship canal between Atlantic and Pacific oceans by way of Isthmus of Tehuantepec. Nov. 1, 1871. [1476]

[Contains, besides interesting information, eleven valuable plates.]

(43) 1871. *Correspondence. (42-2. In H. ex. doc. 1, pt. 1, p. 670, in v. 1.)*
State Department. Correspondence relative to Nicaragua route for interoceanic canal. (In Foreign Relations, 1871, v. 1, p. 670.) [1502]

[Contains a report by Maximilian Sonnenstern to President of Nicaragua concerning route for Nicaragua Canal. 1871.]

(44) 1872. *Letter. 2 pp. (42-2. H. mis. doc. 219, in v. 4.)* [1527]
State Department. Letter of Secretary Hamilton Fish relative to international ship canal. Jan. 16, 1872.

(45) 1872. *Correspondence. (42-3. In H. ex. doc. 1, pt. 1, p. 462, in v. 1.)*
State Department. Correspondence relative to survey of isthmus for Nicaragua Canal. (In Foreign Relations, 1872, v. 1, p. 462.) [1552]

[Contains letters relative to the drowning of A. F. Crossman, and assuming of command of expedition by Chester Hatfield.]

(46) 1873. *Correspondence. (43-1. In H. ex. doc. 1, pt. 1, p. 732, in v. 1.)*
State Department. Correspondence relative to boundary dispute between Nicaragua and Costa Rica, and its effect upon interoceanic canal prospects. 1873. (In Foreign Relations, 1873, v. 1, p. 732.) [1595]

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(47) **1873.** *Letter. 2 pp. (43–1. In H. ex. doc. 1, pt. 1, p. 760, in v. 1.)*
Thomas, Francis. Letter transmitting protocol of conference between Colombian ambassador and Peruvian minister relative to an interoceanic canal. Feb. 27, 1873. (In Foreign Relations, 1873, v. 1, p. 760.) [1595]

(48) **1874.** *Report. 22 pp. Map. (Coast Survey, general publications.)*
Sonnenstern, Maximilian (von.) Report on Nicaragua route for interoceanic ship canal, with review of other proposed routes, translated for U. S. Coast Survey, 1874.

(49) **1874.** *Report. 268 pp. 17 maps. (42–3. H. mis. doc. 113, in v. 5.)*
Selfridge, Thomas Oliver. Reports of explorations and surveys to ascertain practicability of ship canal by way of Isthmus of Darien. Jan. 10, 1874. [1575]

[Contains general review of other explorations and surveys, with statistics.]

(50) **1874.** *Reports. 143 pp. il. (43–1. S. ex. doc. 57, in v. 3.)*
Hatfield, Chester, and Lull, E. P. Reports of explorations and surveys for location of ship canal through Nicaragua, 1872–73. 1874. [1582]

[Contains an historical memoir on interoceanic routes, by J. E. Nourse; maps of different lines surveyed, etc.]

(51) **1876.** *Correspondence (44–2. In H. ex. doc. 1, pt. 1, p. 86, in v. 1.)*
State Department. Correspondence relative to affairs in Colombia. 1876. (In Foreign Relations, 1876, v. 1, p. 86.) [1741]

[Contains curious report made to Colombian Congress on subject of interoceanic canal across Isthmus of Darien; copy of law and contract relative to opening of an interoceanic canal by Anthoine de Gorgorza.]

(52) **1879.** *Report. 124 pp. 13 maps. (45–3. S. ex. doc. 75, in v. 2.)*
Lull, Edward P. Reports of explorations and surveys for location of interoceanic ship canals through Isthmus of Panama and valley of River Napipi, 1875; by Edward P. Lull and Frederick Collins. 1879. [1829]

(53) **1879.** *Report. 9 pp. (46–1. S. ex. doc. 15, in v. 1.)*
Interoceanic Canal Commission. Report of Andrew A. Humphreys, C. P. Patterson, and Daniel Ammen relative to different interoceanic canal surveys and practicability of construction of ship canal across American isthmus. Apr. 18, 1879. [1869]

[Gives general description of various routes, and opinion of commission in favor of Nicaragua route.]

(54) **1879.** *Report. 3 pp. (46–1. H. ex. doc. 10, in v. 1.)*
State Department. Report of Secretary William M. Evarts relative to steps taken by United States to promote construction of interoceanic canal across Isthmus of Darien. June 13, 1879. [1875]

(55) **1879.** *Resolution. 1 p. (46–2. S. mis. doc. 9, in v. 1.)*
Eaton, W. W. Resolution requesting President to transmit to Senate copies of all correspondence between United States and foreign governments since February, 1869, respecting ship canal across American Isthmus, together with copies of any project of treaties respecting same. Dec. 4, 1879. [1890.]

[This resolution did not pass Senate until Feb. 12, 1880.]

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(56) 1879. *Correspondence.* (*46–2. In H. ex. doc. 1, pt. 1, in v. 1.*)
State Department. Correspondence with Ernest Dichman, minister from United States to Colombia, in relation to interoceanic canal across Colombian territory. (In Foreign Relations, 1879, v. 1.) [1902]

[Contains copy of Wyse-Lesseps concession from Colombia, p. 243; letters relative to International Scientific Congress, convened in Paris for the purpose of discussing merits of different routes for interoceanic canal, p. 290; relative to Wyse contract, p. 295; giving an historical account of interoceanic projects in Colombia.

(57) 1879. *Correspondence.* (*46–2. In H. ex. doc. 1, pt. 1, in v. 1.*)
State Department. Correspondence with Edward F. Noyes, minister to France, in relation to Interoceanic Canal Congress (International Scientific Congress). (In Foreign Relations, 1879, v. 1, p. 339.) [1902]

(58) 1879. *Letter. 4 pp.* (*46–2. In H. ex. doc. 1, pt. 1, p. 993, in v. 1.*)
Farman, E. E. Letter transmitting an article on construction and operation of Suez Canal. (In Foreign Relations, 1879, v. 1, p. 993.) [1902]

(59) 1879. *Tables. 1 p.* (*46–2. In H. ex. doc. 1, pt. 1, p. 1034, in v. 1.*)
Van Dyke, Edward A. Tables showing receipts, disbursements, etc., of Suez Canal. (In Foreign Relations, 1879, v. 1, p. 1034.) [1902]

(60) 1880. *Report. 6 pp.* (*In Cons. rp., No. 1, in v. 1, pp. 64–69.*)
Wilson, John M. Report on trade, commerce, and navigation, local and transit, of Panama. 1880.

[Consular Reports prior to vol. 7 were not printed as Congressional documents.]

(61) 1880. *Report. 136 pp.* (*Statistics division, Treasury Dept.*)
Nimmo, Joseph, jr. Proposed American interoceanic canal in its commercial aspects. Aug. 7, 1880.

(62) 1880. *Report. 152 pp.* (*46–2. S. ex. doc. 112, in v. 4.*)
State Department. Report of Secretary William M. Evarts, with accompanying documents, relative to proposed interoceanic canal across American Isthmus. Mar. 9, 1880. [1885]

[A very important report, containing extracts from treaties; reports of conventions; correspondence relative to concessions, etc.]

(63) 1880. *Message. 2 pp.* (*46–2. H. ex. doc. 57, in v. 24.*)
Hayes, Rutherford B. Message transmitting, in response to resolution of House, copies of correspondence in relation to interoceanic canal. Mar. 8, 1880.

[Accompanying documents are printed with message to Senate of Mar. 8, 1880, in 46–2, S. ex. doc. 112, in v. 4.]

(64) 1880. *Letter. 4 pp.* (*46–2. H. ex. doc. 61, in v. 24.*)
Treasury Department. Letter of Secretary John Sherman transmitting commercial statistics relative to trade between Atlantic and Pacific coasts. Mar. 15, 1880. [1925]

(65) 1880. *Report. 17 pp.* (*46–2. H. ex. doc. 63, in v. 24.*)
Craven, T. A. M. Report relating to survey for interoceanic canal, 1859. Mar. 18, 1880. [1925]

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(66) **1880.** *Report. 13 pp. (46–2. H. ex. doc. 86, in v. 24.)*
Treasury Department. Report of Chief of Bureau of Statistics, Joseph Nimmo, jr., on shipping between Atlantic and Pacific coasts. May 15, 1880. [1925]

(67) **1880.** *Report. 7 pp. (46–2. H. rp. 1121, in v. 4.)*
Foreign Affairs Committee, House. Report presented by S. S. Cox recommending passage of resolution requesting the President to take immediate steps for formal and final abrogation of Clayton-Bulwer treaty. Apr. 16, 1880. [1937]

(68) **1880.** *Correspondence. (46–3. In H. ex. doc. 1, pt. 1, in v. 1.)*
State Department. Correspondence relative to De Lesseps's enterprise for construction of canal through Isthmus of Panama; French Government not concerned in it. (In Foreign Relations, 1880, v. 1, p. 385.) [1951]

(69) **1881.** *Report. 5 pp. (In Cons., rp., v. 2, No. 8, pp. 819–823.)*
Logan, C. A. Report on British interests in the isthmus canal. 1881.
[Consular reports prior to vol. 7 were not printed as Congressional documents.]

(70) **1881.** *Resolution. (46–3. S. journal, p. 479.)*
Morgan, J. T. Resolution asserting that the consent of United States is a necessary condition precedent to execution of any project for construction of ship canal across American Isthmus. Apr. 27, 1881. [1940]

(71) **1881.** *Resolution. 1 p. (46–3. S. mis. doc. 42, in v. 1.)*
Eaton, W. W. Resolution relative to consent of United States as necessary condition precedent to execution of any project to construct ship canal across American Isthmus. Feb. 16, 1881. [1944]

(72) **1881.** *Report. 3 pp. (46–3. H. ex. doc. 69, in v. 28.)*
State Department. Report of Secretary N. Goff, jr., relative to proposed establishment of naval stations on American Isthmus. Feb. 2, 1881. [1978]

(73) **1881.** *Report. 14 pp. (46–3. H. mis. doc. 13, in v. 1.)*
Interoceanic Ship Canal, Select Committee on, House. Views of the minority presented by Oscar Turner, on the Eads bill for construction of ship railway across Isthmus of Tehuantepec. Feb. 17, 1881. [1981]

(74) **1881.** *Testimony. 129 pp. (46–3. H. mis. doc. 16, in v. 1.)*
Interoceanic Ship Canal, Select Committee on, House. Testimony taken in regard to selection of suitable route for construction of interoceanic ship canal across American Isthmus. Feb. 25, 1880. 1881. [1981]

(75) **1881.** *Report. 1 p. (46–3. H. rp. 211, in v. 1.)*
Interoceanic Ship Canal, Select Committee on, House. Report presented by J. F. King, amending bill to incorporate Maritime Canal Company of Nicaragua. Feb. 12, 1881. [1982]

(76) **1881.** *Report. 2 pts. 69 pp. (46–3. H. rp. 224, in v. 1.)*
Foreign Affairs Committee, House. Report presented by William E. Hill relative to interoceanic canals and the Monroe doctrine. Feb. 14, 1881. xi + 49 pp.
——— *Same,* pt. 2. Views of minority presented by B. Wilson. Mar. 4, 1881. 9 pp. [1982]

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(77) 1881. *Report. 9 pp. (46–3. H. rp. 322, in v. 1.)*
Interoceanic Ship Canal, Select Committee on, House. Report presented by J. F. King, on interoceanic ship railway. Feb. 22, 1881. [1982]
——— *Same.* Views of minority of committee. (46–3. H. mis. doc. 13.) [1981]

(78) 1881. *Report. 9 pp. (46–3. H. rp. 390, in v. 2.)*
Interoceanic Ship Canal, Select Committee on, House. Report presented by J. F. King, relative to interoceanic communication and the Monroe doctrine. Mar. 3, 1881. [1983]
[Gives outline of action of United States looking to construction of canal, with extracts from various important reports.]

(79) 1881. *Report. 2 pp. (47–special. S. rp. 1, in v. 1, S. rps. 46–3.)*
Foreign Relations Committee, Senate. Report presented by A. E. Burnside, to accompany Senate resolution on construction of ship canals across the Isthmus of Darien. [1948]

(80) 1881. *Report. 4 pp. (47–special. S. ex. doc. 5.)*
State Department. Report of Secretary James G. Blaine, relative to interoceanic canal at Panama. Oct. 24, 1881. [1985]

(81) 1881. *Resolution. (47–1. S. journal, p. 95.)*
Pugh, James L. Resolution requesting President to communicate to Senate instructions sent to United States minister in London relative to modification of Clayton-Bulwer treaty. Dec. 12, 1881. [1984]

(82) 1881. *Report. 7 pp. (47–1. S. ex. doc. 16, in v. 1.)*
State Department. Report of Secretary James G. Blaine, transmitting copy of instructions sent to United States minister in London, relative to proposed modification of Clayton-Bulwer treaty. Dec. 15, 1881. [1986]

(83) 1881. *Correspondence, etc. (47–1. In H. ex. dec. 1, pt. 1, in v. 1.)*
State Department. Correspondence relative to Panama Canal. (In Foreign Relations, 1881, v. 1.) [2009]
[Contains circular of the United States, opposing joint European guaranty of neutrality of interoceanic canal, and announcing its rights and duties, p. 537, and replies as follows: Great Britain's position determined by Clayton-Bulwer treaty, p. 549; France adheres to policy of non-interference, pp. 337, 440; Austria-Hungary not interested, p. 60; Russia not interested, p. 1027; also message of President of Colombia relative to concessions granted for interoceanic canal, p. 352; views of M. de Lesseps, p. 359; letter of Secretary of State James G. Blaine relative to modification of Clayton-Bulwer treaty, p. 554.]

(84) 1882. *Report. 2 pp. (In Cons. rp., v. 6, no. 19, pp. 7 and 8.)*
Denny, O. N. Report comparing the Panama and Suez routes to China, showing advantages of former. Feb. 14, 1882.
[Consular reports, prior to vol. 7, were not printed as Congressional documents.]

(85) 1882. *Resolution. (47–1. S. journal, p. 968.)*
Windom, William. Resolution requesting President to furnish Senate with declaration of Sir Henry Lytton Bulwer and J. M. Clayton on exchange of ratifications of Clayton-Bulwer treaty, etc. July 15, 1882. [1984]

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(86) **1882.** *Correspondence.* (*47-1. S. ex. doc. 78, 3 pts., in v. 4.*)
State Department. Messages of President Arthur of Jan 27, Feb. 17, and June 5, 1882, transmitting correspondence in regard to modification of Clayton-Bulwer treaty. 1882. [1989]

(87) **1882.** *Correspondence.* (*47-1. S. ex. doc. 194, in v. 6.*)
State Department. Letter of Secretary Frederick T. Frelinghuysen, transmitting correspondence, etc., relative to Clayton-Bulwer treaty. Aug. 4, 1882. [1991]

[Deals with diplomatic matters, especially the Monroe doctrine; gives extracts from messages of Presidents, from treaties and conventions, and correspondence of diplomatic officers selected from the archives of the Department of State; also table of contents.)

(88) **1882.** *Report. 35 pp.* (*47-1. S. rp. 213, in v. 1.*)
Commerce Committee, Senate. Report presented by G. G. Vest, to accompany Senate bill 430, to incorporate Interoceanic Ship Railway Co. Mar. 6, 1882. [2004]

[Contains correspondence and statements of J. B. Eads; also statements of A. G. Cochran and Sir Edward J. Reed.]

(89) **1882.** *Report. 27 pp.* (*47-1. S. rp. 368, in v. 3.*)
Foreign Relations Committee, Senate. Report presented by J. F. Miller, to accompany Senate bill 550, to incorporate Maritime Canal Co. of Nicaragua. Apr. 4, 1882. [2006]

[Contains statement respecting the company; statement of Provisional Interoceanic Canal Society respecting bill before Congress to incorporate company, submitted by S. L. Phillips; Report of Interoceanic Canal Commission.]

(90) **1882.** *Reports. 37 pp. 1 map.* (*47-1. H. rp. 1698, 3 pts., in v. 6.*)
Foreign Affairs Committee, House. Report presented by John A. Kasson, to accompany House bill 6799, setting forth advantages of Nicaragua route over other trans-isthmian routes. July 21, 1882.
——— *Same,* pt. 2, views of minority, presented by J. H. Blount. Aug. 7, 1882.
——— *Same,* pt. 3, further views of minority, presented by Perry Belmont. Dec. 11, 1882. [2070]

[Part 1 contains an appendix giving estimated receipts and expenditures of Nicaragua Canal when completed.]

(91) **1882.** *Correspondence, etc.* (*47-2. In H. ex. doc. 1, pt. 1, in v. 1.*)
State Department. Correspondence relative to the various interoceanic canal routes. (In Foreign Relations, 1882, v. 1.) [2090]

[Contains letters relating to amending bill before Congress for incorporating Maritime Canal Co. of Nicaragua, p. 34; to extending time of American company for commencing work, p. 34; to abrogation of Clayton-Bulwer treaty, pp. 271-83, 302-14.]

(92) **1883.** *Report. 26 pp.* (*47-2. S. rp. 952, in v. 1.*)
Foreign Relations Committee, Senate. Report presented by J. F. Miller, favoring passage of Senate bill 550, as amended. Jan. 31, 1883. [2087]

[Contains statement respecting Maritime Canal Co. of Nicaragua; statement of Provisional Interoceanic Canal Society respecting bill before Congress to incorporate company, submitted by S. L. Phillips; reprint of Interoceanic Canal Commission's report.]

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(93) **1883.** *Report. 219 pp. il. 47-2. (H. ex. doc. 107, in v. 23.)*
Sullivan, John T. Historical and technical information relating to problem of interoceanic communication by way of American isthmus, 1883. [2112]

[Contains general description of country; synopsis of Cullen's project and resulting expedition; of Strain's expedition; of Kelley's surveys; extract from Professor Nourse's report on surveys of various routes across the isthmus prior to United States expeditions; work and results of early United States expeditions; technical discussion of leading routes, and conclusions as to importance of problem of interoceanic communication.

Appendix A. Report of United States Interoceanic Commission of 1876.

Appendix B. Comparison of Panama and Nicaragua routes, showing gain in time of vessels using the latter.

Appendix C. Maury's estimate of resources of Mexico and Caribbean Sea, and importance of interoceanic communication.

Appendix D. Report on inspection of terminal points of proposed canals, by Prof. H. Mitchell, U. S. Coast Survey. [Extract from Coast Survey report, 1874.]

Appendix E. Arguments for and against Tehuantepec ship railway project. [Extract from report Committee on Commerce, Senate, 47-1.]

List of works on subject of interoceanic communication.

(94) **1883.** *Resolution. (48-1. S. journal, p. 95.)*
Miller, J. F. Resolution requesting the President to furnish Senate copies of correspondence, not heretofore communicated, in relation to treaty between United States and Great Britain, signed 19th of April, 1850. [Clayton-Bulwer treaty.] Dec. 18, 1883. [2161]

(95) **1883.** *Correspondence. (48-1. S. ex. doc. 26, in v. 1.)*
State Department. Letter from Secretary Frederick T. Frelinghuysen, transmitting copies of correspondence relating to treaty between United States and Great Britain, signed April 19, 1850. [Clayton-Bulwer treaty.] Dec. 19, 1883. [2162]

(96) **1883.** *Correspondence, etc. (48-1. In H. ex. doc. 1, pt. 1, in v. 1.)*
State Department. Correspondence relative to the various interoceanic canal routes. (In Foreign Relations, 1883, v. 1.) [2181]

[Contains important letters and dispatches relative to Nicaragua route, pp. 57-62; the Panama route, its early history, different contracts, etc., pp. 202-22; report of Colombian minister of foreign affairs on Panama Canal, p. 234; controversy between Panama Company and Colombia over military force for protection of canal, pp. 239, 240; Clayton-Bulwer treaty in reference to canal (United States holds that treaty is no longer binding), pp. 418-21, 477, 478, while British Government holds contrary view, pp. 484-90, 529-32.]

(97) **1884.** *Resolution. (48-1. S. journal, p. 297.)*
Morgan, J. T. Resolution requesting President to communicate to Senate such correspondence on file in Department of State in reference to Panama Canal as may have been furnished by any diplomatic representatives of this Government subsequent to Mar. 1, 1881. Feb. 12, 1884. [2161]

(98) **1884.** *Report. 25 pp. il. (48-1. S. ex. doc. 123, in v. 6.)*
Rogers, R. P., and Cooper, G. H. Reports respecting progress of work on ship canal at Isthmus of Panama. Mar. 12, 1884. [2167]

(99) **1884.** *Report. 151 pp. (48-1. S. ex. doc. 198, in v. 7.)*
Nourse, J. E. Maritime canal of Suez, from Nov. 17, 1869, to 1884. 1884. [2168]

[Contains list of works on subject of interoceanic communication.]

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(100) **1884.** *Resolution.* (*48–2. S. journal, p. 54.*)
Vest, G. G. Resolution directing Secretary of Navy to inform Senate whether any orders had been issued sending surveying party to Central America to make survey of route for proposed Nicaragua Canal; and if so, to give statement of nature, extent, and cost of any contemplated expedition. Dec. 15, 1884. [2260]

(101) **1884.** *Letter. 1 p.* (*48–2. S. ex. doc. 11, in v. 1.*)
Navy Department. Letter of Secretary William E. Chandler, in response to Senate resolution, stating that orders have been issued to A. G. Menocal, R. E. Peary, and W. I. Chambers to visit Nicaragua and make survey of proposed route for Nicaragua Canal. Dec. 17, 1884. [2261]

(102) **1884.** *Correspondence.* (*48–2. S. mis. doc. 12, in v. 1.*)
State Department. Letter of Secretary Frederick T. Frelinghuysen, transmitting copies of dispatches of George Maney, formerly minister at Bogota, relative to Panama Canal. Dec. 10, 1884. [2265]

(103) **1884.** *Correspondence, etc.* (*48–2. H. ex. doc. 1, pt. 1, in v. 1.*)
State Department. Correspondence relative to Panama Canal. (In Foreign Relations, 1883, v. 1.) [2276]

[Contains letters relative to difficulties in construction of canal, with synopsis of report, reluctantly made by M. Dingler, chief engineer of Panama Company, from the London Standard, Oct. 9, 1883; also other important letters about the company, pp. 119–124.]

(104) **1884.** *Message. 5 pp.* (*53–2. H. mis. doc. 210, pt. 8, in v. 37.*)
Arthur, Chester A. Special message to Senate transmitting treaty with Nicaragua providing for construction of interoceanic canal by United States. Dec. 10, 1884. (In Messages and Papers of the Presidents, v. 8, pp. 256–260.) [3265, v. 8]

(105) **1885.** *Message.* (*53–2. H. mis. doc. 210, pt. 8, in v. 37.*)
Cleveland, Grover. Special message to Senate, withdrawing treaty with Nicaragua transmitted Dec. 10, 1884, by President Arthur. Mar. 13, 1885. (In Messages and Papers of the Presidents, v. 8, p. 303.) [3265, v. 8]

(106) **1885.** *Message.* (*53–2. H. mis. doc. 210, pt. 8, in v. 37.*)
Cleveland, Grover. Annual message; reasons given for withdrawal of treaty, and Tehuantepec ship railway advocated. (Also in 49–1 H. ex. doc. 1, pp. v–vii; and in Messages and Papers of the Presidents, v. 8, p. 324.) [3265, v. 8]

(107) **1885.** *Resolution.* (*49–1. S. journal, p. 35.*)
Morgan, J. T. Resolution requesting President to communicate to Senate any report of an actual instrumental survey of line for ship railroad across the Isthmus of Tehauntepec which may be on file in any of the Executive Departments. Dec. 14, 1885. [2332]

(108) **1886.** *Report. 1 p.* (*49–1. S. ex. doc. 31, in v. 1.*)
State Department. Report of Secretary T. F. Bayard, in response to Senate resolution, stating "that a careful examination of the archives . . . fails to discover 'any report of an actual instrumental survey of line for a ship railroad across Isthmus of Tehauntepec.'" Jan. 12, 1886. [2333]

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(109) **1886.** *Report. 51 pp. Maps. (49–1. S. ex. doc. 99, in v. 5.)*
Menocal, A. G. Report of United States Nicaragua Surveying Party, 1885. 1886.
——— *Same*, maps, pt. 2. [2337–2338]

(110) **1886.** *Remonstrance. 3 pp. (49–1. S. mis. doc. 139, in v. 5.)*
American Atlantic and Pacific Ship Canal Co. Remonstrance presented by John Sherman, against the incorporation by Congress of Maritime Canal Co. of Nicaragua. July 12, 1886. [2346]

(111) **1886.** *Resolution. 1 p. (49–1. H. mis. doc. 268, in v. 13.)*
James, D. R. Resolution requesting President to communicate to House special intelligence report on progress of Panama Canal during 1885. May 3, 1886. [2418]

(112) **1886.** *Report. 38 pp. il. (49–1. H. mis. doc. 395, in v. 17.)*
Kimball, W. W., and Capps, W. L. Special intelligence report on the progress of work on Panama Canal during year 1885. 1886. [2422]

(113) **1886.** *Resolution. (49–2. S. journal, p. 97.)*
Morgan, J. T. Resolution requesting President to communicate to Senate any correspondence with Government of Nicaragua since Feb., 1885, relating to ship canal through that country, or relating to treaty on subject which was pending in Senate on Mar. 4, 1885. Dec. 21, 1886. [2447]

(114) **1886.** *Tables. 1 p. (49–2. In H. mis. doc. 56, p. 202, in v. 4.)*
Broadbent, R. Tables showing traffic of Suez Canal during 1886. (In Cons. rp., Oct., 1886, v. 20, No. 69, p. 202.) [2491]

(115) **1887.** *Report. 52 pp. (49–2. S. ex. doc. 50, in v. 1.)*
State Department. Report of Secretary T. F. Bayard, with copies of correspondence relating to construction of ship canal through Nicaragua. Jan. 25, 1887. [2448]

[Contains copy of treaty of limits between Costa Rica and Nicaragua, and other important documents relative to boundary line between the two countries, etc.]

(116) **1887.** *Report. 2 pp. (49–2. S. rp. 1628, in v. 1.)*
Foreign Relations Committee, Senate. Report presented by George F. Edmunds, to accompany Senate bill 2636, to incorporate Maritime Canal Co. of Nicaragua. Jan. 6, 1887. [2456]

(117) **1887.** *Statement. 3 pp. (50–1. In H. ex. doc. 1, pt. 1, in v. 1.)*
Hall, Henry C. Letter transmitting statement of financial condition of Panama Canal Co. (In Foreign Relations, 1887, v. 1, p. 82.) [2532]

(118) **1887.** *Tables. 2 pp. (50–1. In H. mis. doc. 605, in v. 21.)*
Cardwell, John. Table showing traffic of Suez Canal during 1884, 1885, 1886. (In Cons. rp., Sept., 1887, v. 24, No. 84, p. 736.) [2590]

(119) **1888.** *Memorial. 2 pp. (50–1. S. mis. doc. 62, in v. 1.)*
Central American Transit Co. Memorial presented by John Sherman, claiming exclusive right of transit over proposed route of Maritime Canal Co. of Nicaragua, and asking that its claims be investigated by Congress. Feb. 24, 1888. [2516]

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(120) 1888. *Report. 17 pp. (50–1. S. rp. 221, in v. 1.)*
Foreign Relations Committee, Senate. Report presented by George F. Edmunds, to accompany Senate bill 1305, to incorporate Maritime Canal Co. of Nicaragua. Feb. 9, 1888. [2519]

[Contains minutes of interview between committee and representatives of canal company; also concessions and decrees of Republic of Nicaragua to Nicaragua Canal Association, of New York.]

(121) 1888. *Correspondence, etc. (50–2. In H. ex. doc. 1, pt. 1, in v. 1.*
State Department. Correspondence relative to Nicaragua Canal. (In Foreign Relations, 1888, v. 1.) [2626]

[Contains letters relative to Costa Rica's opposition to canal, pp. 100, 101; and to boundary dispute between Nicaragua and Costa Rica, etc., p. 456.]

(122) 1889. *Report. 57 pp. il. (50–1. H. mis. doc. 599, in v. 6.)*
Rogers, Charles C. Intelligence report on Panama Canal. 1889. [2570]

[Gives estimate of cost and time of completion, etc.]

(123) 1889. *Report. 3 pp. (50–2. H. ex. doc. 82, in v. 25.)*
State Department. Report of Secretary T. F. Bayard, transmitting correspondence relative to possible disturbances on the Isthmus of Panama in event of stoppage of work on proposed interoceanic canal. Jan. 16, 1889. [2651]

(124) 1889. *Report. 1 p. (50–2. In H. mis. doc. 141, in v. 13, pt. 2.)*
Brown, Wm. A. Report relative to plans and work of Nicaragua Canal Construction Co. (In Cons. rp. Jan., 1889. v. 29, No. 101, p. 9.) [2667]

(125) 1889. *Report. 28 pp. (50–2. H. rp. 4167, in v. 3.)*
Foreign Affairs Committee, House. Report presented by J. B. McCreary, to accompany Senate resolution 122, on construction and control of interoceanic canals at Isthmus of Darien and in Central America by European Governments. Mar. 2, 1889. [2675]

[Gives text of resolution.]

(126) 1889. *Report. 4 pp. (51–1. S. ex. doc. 49, in v. 5.)*
Maritime Canal Co. of Nicaragua. Annual report to Secretary of Interior for year ending December, 1889. Feb. 4, 1890. [2682]

(127) 1889. *Report. 4 pp. (51–1. In H. mis. doc. 231, in v. 24.)*
Herring, D. W. Report on Honduras Interoceanic Railway. (In Cons. rp. May, 1889, v. 30, No. 105, p. 172–5.) [2783]

(128) 1890. *Report. 3 pp. (51–1. In H. mis. doc. 234, in v. 26.)*
Brown, Wm. A. Report on progress of work on Nicaragua Canal. (In Cons. rp. Feb., 1890, v. 32, No. 113, p. 173.) [2785]

(129) 1890. *Table. 1 p. (51–1. In H. mis. doc. 234, in v. 26.)*
Broadbent, S. G. Table showing traffic of Suez Canal during 1889. (In Cons. rp. Mar., 1890, v. 32, No. 114, p. 500.) [2785]

(130) 1890. *Report. 19 pp. (51–1 H. rp. 3035, in v. 10.)*
Commerce Committee, House. Report presented by Charles S. Baker, adverse to repeal of act incorporating Maritime Canal Co. of Nicaragua. Aug. 30, 1890. [2816]

[Contains first annual report of Maritime Canal Co. of Nicaragua and a historical and technical report by A. G. Menocal, read at the 4th International Congress on Inland Navigation, Manchester, July, 1889.]

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(131) **1890.** *Report. 15 pp. 6 maps. (51–2. S. ex. doc. 5, in v. 1.)*
Maritime Canal Co. of Nicaragua. Annual report to Secretary of Interior for year ending December, 1890. Dec. 8, 1890. [2818]

(132) **1891.** *Resolution. 1 p. (51–2. S. mis. doc. 76, in v. 3.)*
McPherson, J. R. Resolution providing for construction of Nicaragua Canal by United States. Feb. 21, 1891. [2821]

(133) **1891.** *Report. 215 pp. il. (51–2. S. rp. 1944, in v. 1.)*
Foreign Relations Committee, Senate. Report presented by John Sherman, on present conditions, prospects, etc., of Maritime Canal Co. of Nicaragua. Jan. 10, 1891.

Appendix 1. Table showing distances in miles between commercial ports of the world, and distances saved by Nicaragua Canal.

Appendix A. Report of A. G. Menocal on design, final location, and work accomplished on Nicaragua Canal.

Appendix B. Special illustrated report relative to Maritime Canal of Nicaragua and regions tributary thereto, by Chas. T. Harvey.

Appendix C. Report of division engineer relating to work performed by Nicaragua Canal Co. prior to Oct. 3, 1890.

Appendix D. Paper on interoceanic communication, illustrated.

Appendix E. Articles from Engineering News, Sept. 11 and 14, 1889, on the Nicaragua Canal project.

Appendix F. Extract from California Bankers' Magazine, Oct., 1890.

Appendix G. Report on final location of canal, by A. G. Menocal.

Appendix H. Report of board of consulting engineers of Nicaragua Canal Construction Co. May 9, 1889.

Appendix I. Concessions and decrees of Republic of Nicaragua to Nicaragua Canal Association of New York.

Appendix K. Concessions and decrees of Republic of Costa Rica to Nicaragua Canal Association of New York.

Appendix L. Report of tonnage of traffic within zone of attraction of Maritime Canal of Nicaragua in 1890, and as estimated in 1897, by Thos. B. Atkins.

Hearings before subcommittee of Foreign Relations Committee of Senate, May 22, 1890, in relation to Nicaragua Canal Co. [2826]

(134) **1891.** *Report. 6 pp. (51–2. S. rp. 2234, in v. 2.)*
Foreign Relations Committee, Senate. Report presented by John Sherman, giving list of stockholders in Maritime Canal Co. of Nicaragua. Feb. 12, 1891. [2827]

(135) **1891.** *Report. 6 p. (52–1. S. ex. doc. 4, in v. 1.)*
Maritime Canal Co. of Nicaragua. Annual report to Secretary of Interior for year ending December, 1891. Dec. 9, 1891. [2892]

(136) **1891.** *Resolution. 1 p. (52–1. S. mis. doc. 7, in v. 2.)*
California legislature. Resolution in favor of prompt construction of Nicaragua Canal. Feb. 26, 1891. [2904]

(137) **1891.** *Memorial. 1 p. (52–1. S. mis. doc. 36, in v. 2.)*
California Traffic Association. Memorial in favor of construction of Nicaragua Canal, presented by C. N. Felton. Dec. 21, 1891. [2904]

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(138) **1892.** *Resolution. 1 p. (52–1. S. mis. doc. 32, in v. 2.)*
Foreign Relations Committee, Senate. Resolution introduced by J. T. Morgan, providing for inquiry as to progress of Nicaragua Canal. Jan. 6, 1892. [2904]

(139) **1892.** *Resolution. 1 p. (52–1. S. mis. doc. 69, in v. 2.)*
Higgins, Anthony. Resolution requesting report as to work done, contracts, etc., of Nicaragua Canal Co. Feb. 10, 1892. [2904]

(140) **1892.** *Account. 24 pp. (52–1. S. mis. doc. 97, in v. 2.)*
Dutton, C. E. Account of project for a Nicaraguan Canal, with observations. Mar. 18, 1892. [2904]

(141) **1892.** *Resolution. 1 p. (52–1. S. mis. doc. 208, in v. 5.)*
Sherman, John. Resolution directing continuation of investigation of Maritime Canal Co. of Nicaragua. July 22, 1892. [2907]

(142) **1892.** *Report. 5 pp. (52–1. In H. mis. doc. 17, in v. 15.)*
Newell, W. Letter transmitting report of J. A. Roman and Maximilian Sonnenstern, commissioners appointed by Government of Nicaragua to investigate and report on the expenditures incurred by construction company of Interoceanic Canal of Nicaragua, giving description of operations and condition of works. Nov. 14, 1890. 1892. (In Cons. rp., v. 35, No. 124, pp. 145–9.) [2973]

(143) **1892.** *Report. 4 pp. (52–1. In H. mis. doc. 258, in v. 39.)*
Adamson, Thomas. Report on Panama Railroad. (In Cons. rp. Feb., 1892, v. 38, No. 137, pp. 274–7.) [2997]

(144) **1892.** *Report. 12 pp. (52–2. S. ex. doc. 1, in v. 1.)*
Maritime Canal Co. of Nicaragua. Annual report to Secretary of Interior for year ending December, 1892. Dec. 5, 1892. [3055]

(145) **1892.** *Memorials. 3 pp. (52–2. S. mis. doc. 16, in v. 1.)*
Alabama legislature. Memorials of legislature of Alabama and National Nicaragua Canal Convention of New Orleans, favoring speedy completion of Nicaragua Canal under direction and control of United States, presented by J. T. Morgan. Dec. 21, 1892. [3064]

(146) **1892.** *Report. 215 pp. (52–2. S. rp. 1142, in v. 1.)*
Foreign Relations Committee, Senate. Report presented by John Sherman on present condition, prospects, etc., of Maritime Canal Co. of Nicaragua. Dec. 22, 1892. [3072]
[Includes S. rp. 1944, 51–2, without illustrations, *which see.*]

(147) **1893.** *Report. 22 pp. 1 diagram. (52–2. S. ex. doc. 46, in v. 2.)*
McFarland, Walter. Report upon examination of proposed routes for interoceanic ship canal, known as Nicaragua route, and Darien or Atrato route, made to Chief of Engineers in 1874; transmitted to Senate in response to resolution and ordered printed, Feb. 7, 1893. [3056]

(148) **1893.** *Resolution. 1 p. (52–2. S. mis. doc. 23, in v. 1.)*
Morgan, J. T. Resolution providing for inquiry as to advantages to accrue from Nicaragua Canal. Jan. 13, 1893. [3064]

(149) **1893.** *Resolution. 1 p. (52–2. S. mis. doc. 25, in v. 1.)*
Wolcott, E. O. Resolution directing inquiry as to expenditures upon Nicaragua Canal. Jan. 14, 1893. [3064]

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(150) 1893. *Resolution. 2 pp. (52-2. S. mis. doc. 32, in v. 1.)*
National Board of Trade. Resolution urging early completion of Nicaragua Canal by United States, presented by M. S. Quay. Jan. 20, 1893. [3064]

(151) 1893. *Resolution. 2 pp. (52-2. S. mis. doc. 47, in v. 1.)*
Virginia Organization to promote Nicaragua Canal, Richmond. Resolution favoring construction of canal under United States control, presented by Eppa Hunton. Feb. 19, 1893. [3064]

(152) 1893. *Report. 42 pp. (52-2. S. rp. 1262, in v. 1.)*
Foreign Relations Committee, Senate. Report presented by John Sherman to accompany resolution to inquire into expenditures of Maritime Canal Co. of Nicaragua, with hearings before subcommittee. Feb. 4, 1893. [3072]

(153) 1893. *Report. 1 p. (52-2. H. rp. 2375, in v. 2.)*
Rules Committee, House. Report presented by T. C. Catchings, relating to investigation of operations of Panama Canal Co. in the United States. Jan. 28, 1893. [3141]

(154) 1893. *Report. 8 pp. (52-2. H. rp. 2615, in v. 3.)*
Panama Canal, Special Committee to Investigate, House. Report presented by John R. Fellows, relating to proposed investigation of Panama Canal. Mar. 3, 1893. [3142]

(155) 1893. *Resolution. 1 p. (53-1. H. journal, p. 129.)*
Doolittle, W. H. Resolution (No. 70) to appoint joint committee to examine and report upon construction of Nicaragua Canal. Oct. 7, 1893. [3149]
[The text of this resolution appears only in the form adopted for bills and resolutions.]

(156) 1893. *Report. 4 pp. (53-2. S. ex. doc. 5, in v. 1.)*
Maritime Canal Co. of Nicaragua. Annual report to Secretary of Interior for year ending December, 1893. Dec. 4, 1893. [3160]

(157) 1893. *Resolution. 1 p. (53-2. S. mis. doc. 18, in v. 1.)*
Morgan, J. T. Resolution for joint committee to report on Nicaragua Canal. Dec. 19, 1893. [3167]

(158) 1893. *Correspondence. (53-2. In H. ex. doc. 1, pt. 1, in v. 1.)*
State Department. Correspondence relative to Colombia's interests in Nicaragua Canal. (In Foreign Relations, 1893, v. 1, p. 281.) [3197]

(159) 1893. *Report. 4 pp. (53-2. H. rp. 226, in v. 1.)*
Interstate and Foreign Commerce Committee, House. Report presented by George W. Wise, favoring House resolution 70, for joint committee on canal. Dec. 19, 1893. [3269]

(160) 1894. *Report. 55 pp. Maps. (53-2. S. ex. doc. 74, in v. 1.)*
Scriven, George P. Report on Nicaragua Canal in its military aspects. Mar. 29, 1894. [3160]
[Gives general review of explorations and surveys; also appendix by A. W. Greely, on climatic conditions of Nicaragua with special reference to military operations on land.]

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(161) **1894.** *Report. 269 pp. (53–2. S. rp. 331, in v. 5.)*
Foreign Relations Committee, Senate. Report presented by J. T. Morgan, amending and favoring S. 1481, to amend act incorporating Maritime Canal Co. of Nicaragua; including S. rp. 1944, 51–2, and 1142, 52–2, adopted as part of report. Apr. 14, 1894. [3183]
[Contains index to documents embodied in report.]

(162) **1894.** *Report. 47 pp. (53–2. H. rp. 1201, in v. 4.)*
Interstate and Foreign Commerce Committee, House. Report presented by S. R. Mallory, recommending adoption of substitute transmitted in lieu of certain bills referred to committee. July 5, 1894. [3272]
Appendix A. Report by A. G. Menocal.
Appendix B. Clayton-Bulwer treaty.
Appendix C. Concessions and decrees of Republic of Nicaragua to Nicaragua Canal Association.
Appendix D. Concessions and decrees of Republic of Costa Rica to Nicaragua Canal Association.
Appendix E. Distances between commercial ports of the world and distances saved by Nicaragua Canal.

(163) **1894.** *Report. 4 pp. (53–3. S. ex. doc. 1, in v. 1.)*
Maritime Canal Co. of Nicaragua. Annual report to Secretary of Interior for year ending December, 1894. Dec. 3, 1894. [3275]

(164) **1894.** *Memorial. 3 pp. (53–3. S. mis. doc. 7, in v. 1.)*
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(171) **1895.** *Report. 4 pp. (53–3. H. rp. 1779, in v. 2.)*
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(172) **1895.** *Report. 4 pp. (54–1. S. doc. 15, in v. 1.)*
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(173) **1895.** *Lecture. 32 pp. (54–1. S. doc. 34, in v. 3.)*
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(177) **1896.** *Hearings. 386 pp. 5 pl. (54–1. S. doc. 315, in v. 13.)*
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[The main part of this report deals with the diplomatic situation and feasibility of the project, to which is appended a review by A. G. Menocal, of report of board of engineers appointed under act of Congress to examine and report upon Nicaragua Canal project; also correspondence of Mr. Crampton, British minister to United States.]

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Contains, among others, the following important reports:
Appendix F. Report of F. P. Davis on Serapiqui reconnaissance.
Appendix H. Notes on volcanoes and earthquakes in Costa Rica and Nicaragua, by Henri Pittier.
Appendix I. Report on final location of canal, by A. G. Menocal.
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(187) 1896. *Report. 325 pp. (54-1. H. rp. 2126, in v. 9.)*
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[Contains: H. doc. 279, 54-1, report of Board of Engineers, without appendixes or maps; review of same by A. G. Menocal; report on possible effects of earthquakes, by C. E. Dutton; a refutation of "The Proposed Nicaragua Canal an impracticable project, by Joseph Nimmo, jr.," by Thos. B. Atkins; report on prospective traffic (extract from H. rp. 331, 53-2); table of distances between commercial ports of the world and distances saved by Nicaragua Canal; S. rps. 331, and 1142, 53-2, and 1944, 51-2 (without appendixes or illustrations); S. doc. 97, 52-1; concessions and decrees of Republics of Nicaragua and Costa Rica to Nicaragua Canal Association of New York; statement of William A. McCorkle, of W. Va.]

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Exhibit 2. Contract between Nicaragua and Atlas Steamship Company.

Exhibit 3. Contract between Nicaragua and Edward Eyre and Edward F. Cragin for construction of interoceanic canal, dated Managua, October 31, 1898.

Exhibit 4. Message of President Zelaya.

Exhibit 5. Letter of Secretary of State William R. Day stating reasons for inexpediency of entering into negotiations with Nica ragua for construction of canal.

Exhibit 6. Annual report of Maritime Canal Co. of Nicaragua, for year ending Dec., 1898.

Exhibit 7. Letter from William L. Merry transmitting translation of the J. La Motte Morgan contract with Nicaragua.

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Digitized by Google

INDEX TO APPENDIX.

No. of entry.

Abbott, Henry L. 207
Abert, J. J. 12
Adamson, Thomas 143
Alabama legislature 145
Alexander, J. H. 13
Amendments, text of 212
American Atlantic and Pacific Steamship Co 110
American Isthmus, botany 34
  general description 93, 133
  geodetic survey 34
  geological survey 35
  naval stations on 72
  topography 12, 35
  zoology 34
American Quarterly Review, extracts 13
American Republics Bureau 195
Ammen, Daniel 53
Appropriations, Navy Department, diverting of 40
Arguments. See Hearings.
Arthur, Chester A. 86, 104, 105, 106
Asiatic islands, commerce 9
Aspinwall, William H. 10, 12
Atkins, Thomas B. 133, 187
Atlantic and Pacific coasts, statistics of trade between 64, 66
Atlantic and Pacific Steamship Co., see American Atlantic.
Atlas Steamship Co., contract with Nicaragua 209
Atrato route. See Various routes.
Attraction of tonnage and traffic by Nicaragua Canal 133
Austria-Hungary, not interested 83
Baker, Charles S. 130
Baker, James M 210
Baker, Lewis 183
Banks, N. P. 38
Bayard, T. F 108, 115, 123
Belmont, Perry 90
Bibliographies 36, 93, 99, 175, 210
Bills, text of 212
Blaine, James G. 80, 82, 83
Blount, J. H 90
Bogota, U. S. chargé, correspondence 7, 102
Bolton, C 5
Botany, American Isthmus 34
Boundary dispute, Nicaragua and Costa Rica 46
Brazil Interoceanic Railway 195
British director, Suez Canal, statistics from report of 184
British Government, declaration 26

No. of entry.

British interests 69, 83
British minister, correspondence. 20, 23, 26, 178, 202
Broadbent, R 114
Broadbent, S. G 129
Brooke, Walter 18
Brown, William A. 124, 128
Buchanan, James 8
Bulwer, Sir Henry Lytton 85
Bulwer-Clayton treaty. See Clayton-Bulwer treaty.
Burnside, A. E. 79
Caffery, Donelson 169
California Bankers' Magazine, extracts 133
California legislature 136
California Traffic Association 137
Capps, W. L. 112
Cardwell, John 118
Caribbean Sea, resources 93
Cass, Lewis 22, 32
Catchings, T. C. 153
Central America, affairs in 25, 27, 28, 30
  canal by way of 15
  Greater Republic of 190
Central American Transit Co. 119
Chamber of Commerce, Portland, Oreg 164
Chambers, W. I. 101
Chandler, William E 101
Charts. See Maps.
Chauncey, Henry 10, 12
Chicago, world's water commission 182
China, routes to, compared 84
Chiriqui commission, report 35
Chiriqui route, report on 35
  [Note.—For general information regarding interoceanic communication, see Various routes.]
Chronological statement as to Maritime Canal Co. of Nicaragua 208
Clayton, J. M 2, 26, 27, 85
Clayton-Bulwer treaty, abrogation of, recommended 67, 91
  correspondence relating to 22, 23, 25, 26, 27, 28, 30, 81, 82, 83, 85, 86, 87, 94, 95, 96, 219
  text of 15, 25, 162, 176, 200
Cleveland, Grover 105, 106
Coast Survey, extract from report 93
  translated reports for 48
Cochran, A. G 88
Collins, Frederick 52
Colombia (formerly New Granada) 12
  affairs in 51
  ambassador, correspondence 47
  canal by way of 56

Digitized by Google

No. of entry.

Colombia (formerly New Granada), Congress of, report to 51
contract with Gogorza 51
history of canal projects in 56
interest in Nicaragua Canal 158
minister of foreign affairs, report 96
President of, message 83
Commerce, Panama 60
with Siberia, Manchuria, and Asiatic islands 9
Commerce, Chamber of, Portland, Oreg 164
Commerce Committee, House 130
Senate 88, 93
Commercial aspects 61
Commercial ports, distances between. 133, 162, 187
Commercial tables 12
Commercial value of Nicaragua Canal 196
Commissions. See Names of commissions.
Committee reports. see Names of committees.
Comparison, Panama and Nicaragua routes. 93
Panama and Suez routes 84
Consular reports and correspondence. See Name of consul, and State Department, correspondence.
Consulting engineers, board of, report 133, 182
Cooper, G. H 98
Correspondence, diplomatic. See State Department, correspondence.
Corthell, E. L 173
Costa Rica, acquisition of territory in, favored 169
boundary dispute with Nicaragua .. 46, 115, 121
canal by way of 15
concessions and decrees granted by 133, 162, 187, 192, 200
contract 35, 192
opposition by 121
volcanoes and earthquakes in 182
Cox, S. S 67
Cragin, Edward F 209
Cram, Thomas J 31
Crampton, John F 23, 26, 178, 202
Craven, T. A. M 65
Crittenden, T. T 185
Crosman, A. F 45
Crowninshield, A. S 198
Cullen's project, synopsis 93
Cupica route. See Panama route.
Dallas, G. M 219
Darien route. See Panama route.
Davis, Charles H 36, 41
Davis, F. P 182
Day, William R 209
De Gogorza, Anthoine. See Gogorza.
De Lesseps, Ferdinand. See Lesseps.
Denny, O. N 84
Diagrams. See Maps.
Dichman, Ernest 56
Dingler, M 103
Diplomatic correspondence. See State Department, correspondence.
Diplomatic situation, Nicaragua Canal ... 166, 178
Distances saved, table showing 12, 13, 133, 162
Dolph, J. N 164
Doolittle, W. H 155, 186

No. of entry.

Dream of Navigators 198
Dutton, C. E 140, 187
Eads, J. B 88
Eads bill, view of minority on 73
Earthquakes, Costa Rica and Nicaragua ... 182
possible effects of 187
Eaton, W. W 55, 71
Edmunds, George F 116, 120
Engineering News, extracts 133
Engineers, report of consulting board of. 133, 182
Engle, F 35
Estimated attraction of tonnage and traffic by Nicaragua Canal 133, 187
Estimated receipts and expenditures of Nicaragua Canal 90
Evans, John 35
Evarts, William M 54, 62
Expenditures and receipts, estimated, Nicaragua Canal 90
Explorations, see Surveys.
Extracts, California Bankers' Magazine 133
Coast Survey report 93
Engineering News 133
important reports 78
London Standard 103
messages of Presidents 87
treaties and conventions 87
Eyre, Edward 209
Farman, E. E 58
Fellows, John R 154
Felton, C. N 137
Fish, Hamilton 44
Florida legislature 21
Foreign Affairs Committee, House 38, 67, 76, 90, 125
Foreign Commerce Committee, House. See Interstate and Foreign Commerce Committee, House.
Foreign Relations Committe, Senate 19, 79, 89, 92, 116, 120, 133, 134, 138, 146, 152, 161
Forsyth, John 4
Frelinghuysen, Fredk. T 87, 95, 102
Frelinghuysen-Zavala treaty 200
French interests 68, 83
Geographic Society, National 173
Geological Survey, American Isthmus 35
Goff, N., jr 72
Gogorza, Anthoine (de) 51
Grace-Eyre-Cragin Syndicate 213
Great Britain, interests of. See British interests.
Minister from. See British minister.
Greely, A. W 160
Guatemala, Congress of, decree 5
Gudger, Hezekiah A 203
Haines, P. C 201
Hall, Henry C 117
Hargous, P. A 11
Harvey, Charles T 133
Harvey, W. H 34
Hatfield, Chester 45, 50
Haupt, L. M 201
Hay-Pauncefote treaty 217
Hayes, Rutherford B 63
Hearings 88, 89, 92, 93, 120, 133, 152, 177, 178, 191, 201

Digitized by Google

No. of entry.
Hepburn, W. P 222, 223, 224
Herring, D. W 127
Higgins, Anthony 139
Hill, William E 76
Historical facts 5, 13, 50, 56, 93, 130, 133
Hitchcock, Hiram 191
Honduras route, interoceanic railway, report on 127
[Note.—For general information regarding interoceanic communication, see Various routes.]
Humboldt's essays, extracts 13
Humphreys, Andrew A 53
Hunter, W 17
Hunton, Eppa 151
Illustrations 42, 112, 133
Important reports, extracts 78
Indiana citizens 6
Inland navigation, Fourth International Congress of, Manchester 130
Intelligence reports 111, 112, 122
Interior Department, reports to. See Maritime Canal Co., of Nicaragua.
International Congress (4th) of Inland Navigation, Manchester 130
International interests 4
International Scientific Congress. See Paris, Interoceanic Canal Congress.
International ship canal, letter relative to .. 44
Interoceanic Canal Commission 53, 89, 92, 93
Interoceanic Canal Congress. See Paris.
Interoceanic Canal Society. See Provisional.
Interoceanic communication, importance of 93
Interoceanic railway, Brazil 195
Honduras. See Honduras.
Interoceanic Ship Canal, Select Committee on, House 73, 74, 75, 77
Interoceanic Ship Railway Co 88
Interstate and Foreign Commerce Committee, House 159, 162, 171, 177, 186, 187
Isthmus, American. See American Isthmus.
Jackson, Andrew 213
James, D. R 111
Kasson, John A 90
Kelley's surveys, synopsis 93
Kimball, W. W 112
King, J. F 75, 77
King, T. B 12
Leading routes, technical discussion of 93
Lesseps, Ferdinand de 68, 83
Lesseps-Wyse concession 56
Levy, J. M 221
Logan, C. A 69
London Standard, extract 103
Low, Henry E 189
Lull, E. P 50, 52
Lull route favored 211
McBride, G. W 215
McCorkle, William A 187
McCreary, J. B 125
McFarland, Walter 147
McPherson, J. R 132
Mail route 21
Mallory, S. R 162, 171
Manchester, Fourth International Congress of Inland Navigation 130

No. of entry.
Manchuria, commerce 9
Maney, George 102
Maps 13, 36, 50, 52, 109, 112, 147
Marcy, W. L 23, 219
Maritime Canal Co. of Nicaragua 75, 89, 91, 92, 110, 116, 119, 120, 124, 126, 130, 131, 133, 134, 135, 139, 141, 142, 144, 146, 152, 156, 161, 163, 167, 171, 172, 178, 187, 188, 191, 192, 194, 199, 206, 208, 209, 210, 212, 213,
Maritime Canal of Nicaragua. See Nicaragua route.
Mason, J. M 19
Maury, M. F 14, 93
Medical aspect, Nicaragua Canal 168
Melville, George W 196
Memphis Convention, memorial 14
Menocal, A. G 101, 109, 130, 133, 162, 178, 182, 187, 192, 200
Mercer, C. F 5
Merritt, H. F 174
Merry, William L 209
Messages of Presidents. See names of Presidents.
Mexican bibliography 175
Mexico, correspondence 17, 37
resources 93
restoration of right of way by 18, 37
Michler, N 33, 34
Military aspects of Nicaragua Canal 160
Military force, protection of Panama Canal. 96
Miller, J. F 89, 92, 94
Mitchell, H 93
Monroe doctrine, relation to interoceanic canals 76, 78, 87, 219
Morgan, J. La Motte, contract 209
Morgan, J. T 70, 97, 107, 113, 138, 145, 148, 157, 161, 178, 202, 208, 209, 216, 220
Morton, J. St. C 35
Mosquito Coast, canal by way of 15
Murphy, George H 2, 4
Napipi route, report on 52
[Note.—For general information regarding interoceanic communication, see Various routes.]
National Board of Trade 150
National Geographic Society, Washington, D. C 173
National Nicaragua Canal Convention, New Orleans 145
Naval Affairs Committee, House 1, 12, 14
Naval stations on American Isthmus 72
Navigation, Panama 60
Navigators, dream of 198
Navy Department, reports 40, 100, 101
Negotiations, expediency of opening 2, 3
Neutrality, European guarantee of, opposed by United States 83
New Granada. See Colombia.
New Orleans, National Nicaragua Canal Convention 145
New Panama Canal, The 207
Newell, W 142
Nicaragua, acquisition of territory in, favored 169
affairs with 29
boundary dispute with Costa Rica .. 46, 115, 121

Digitized by Google

No. of entry.

Nicaragua, canal by way of 15
climatic conditions..... 160
concessions and decrees granted by..... 120, 133, 162, 167, 187, 200, 209
contracts 209
importance of relations with..... 20
industries of..... 189
inexpediency of negotiations with..... 209
ports of 189
trade routes, enterprises, etc..... 189
treaties with..... 39, 104, 105, 106, 113, 176, 200
United States interests in..... 183
volcanoes and earthquakes in..... 182
Nicaragua and Panama routes compared .. 93
Nicaragua Canal Association of New York. 120, 133, 162, 187, 192, 200, 209
Nicaragua Canal Board 178, 182, 186, 187
Nicaragua Canal Commission 197, 205, 211
Nicaragua Canal Construction Co. See Maritime Canal Co. of Nicaragua.
Nicaragua Canal, Construction of, Select Committee on 178, 201, 202, 208, 209
Nicaragua Canal Convention, New Orleans. 145
Nicaragua Canal Convention, San Francisco, Cal 165
Nicaragua Maritime Canal. See Nicaragua route.
Nicaragua Maritime Canal Co. See Maritime Canal Co. of Nicaragua.
Nicaragua route, account of project..... 140
advantages of 90, 148, 196
British minister, correspondence 20, 23, 178, 202
Clayton-Bulwer treaty, correspondence.. 22, 23, 25, 26, 27, 28, 81, 82, 85, 86, 87, 91, 94, 95
text 15, 162, 176, 200
Colombia's interests in 158
commercial value 196
committee, joint, to investigate.... 155, 157, 159
comparison with other routes 93
concessions affecting 120, 133, 162, 167, 187, 200, 209
contracts affecting..... 192, 209
correspondence relating to..... 22, 43, 45, 96, 113, 115, 121, 166, 167, 178, 190, 202, 209
Costa Rica, boundary dispute..... 46, 115, 121
country, climatic conditions..... 160
description 133
See also Surveys, reports on.
decrees affecting...120, 133, 162, 167, 187, 200, 209
diplomatic relations.....20, 23, 81, 82, 166, 178
distances saved by.....133, 162, 187
Dream of Navigators, by Crowninshield. 198
earthquakes, effect of..... 182, 187
engineer reports..... 133, 182
expenditures on.....142, 149, 152, 197, 205
foreign governments, interests in..... 38
hearings..... 133, 177, 178, 187, 191, 201
location, final, report on.....133, 182
Maritime Canal Co., of Nicaragua, annual reports of..... 126, 131, 135, 144, 156, 163, 172, 188, 194, 206, 209
chronological statement as to..... 208, 210
concessions and decrees to..... 120, 133, 162, 167, 192
correspondence of..... 191, 199

No. of entry.

Nicaragua route—Continued.
Nicaragua Maritime Canal Co., incorporation of..... 75, 89, 91, 92, 110, 116, 120, 133, 161, 162, 171, 177, 178, 187, 202, 212
investigation of..... 141, 146, 152, 155, 209
stockholders in..... 134
medical aspect..... 168
memorials..... 137, 145, 164, 165
military aspect..... 160
Nicaragua, affairs with Government of.. 29
Nicaragua trade routes..... 189
observations..... 140
project, account of..... 140
feasibility of..... 178
impracticability of..... 187
resolutions in favor of..... 136, 150, 151
strategic value..... 196
surveys, reports on..... 50, 53, 100, 101, 109, 147, 182, 186, 187, 211
territory, acquisition of, by U. S..... 169
time saved by 133, 162, 187
trade routes of Nicaragua 189
traffic, estimated..... 133, 187
treaty with Nicaragua..... 39, 104, 105, 106, 176, 200
United States control..... 132, 145, 150, 151
interests 183
value and scope 90, 148, 196
volcanoes, effect of..... 182
work on, progress of ... 128, 133, 138, 139, 142, 146
[Note.—For general information regarding interoceanic communication, see Various routes.]
Nicaragua surveying party. See United States.
Niles, Nathaniel 16
Nimmo, Joseph, jr..... 61, 66
Nourse, J. E..... 50, 93, 99
Noyes, Edward F 57
Olney, Richard 192
Opposition to construction 6
Orient, resources..... 9
Palmer, Aaron H 5, 9
Panama, disturbances at..... 123
railroads..... 143
trade, commerce, and navigation..... 60
Panama and Nicaragua routes compared .. 93
Panama and Suez routes compared 84
Panama Canal Co 103, 117, 153
Panama Canal, special committee to investigate 154
Panama route, commercial tables 12
comparison with other routes 84, 93
completion, time of, estimated..... 122
concessions affecting 56, 83
construction of canal 79, 80
contracts affecting 12, 51, 56, 96
correspondence relating to..... 4, 8, 33, 56, 57, 68, 83, 96, 97, 102, 103, 117, 123
cost, estimate of 122
decrees affecting 56
difficulties in construction 103
distances saved by..... 12
dock, completion of..... 204
foreign governments' interests in..... 38, 68
history 96
investigation 153, 154

Digitized by Google

No. of entry.

Panama route, memorials..... 10, 12
military force for protection of canal... 99
New Panama Canal, by Abbott..... 207
New Panama Co..... 213
Panama, commerce of, etc..... 60
disturbances at..... 123
traffic..... 180
Panama Canal Co..... 96, 103, 117, 153
Panama, Isthmus of, botany..... 34
description 24
geodetic survey..... 34
zoology, paper on..... 34
See also Surveys, reports on.
petitions..... 6, 12
project, practicability of..... 49
railroad 10, 143
reports on 51, 96, 103, 111, 112, 122, 203
statistics..... 49
surveys, diverting Navy appropriations for..... 40
reports on.....24, 33, 34, 49, 93
terminal points..... 93
time saved by..... 12, 93
topography of isthmus..... 12
United States interests in..... 54, 83
value and scope..... 1, 34, 93
work, progress of.....98, 111, 112, 203
See also Clayton-Bulwer treaty.
[Note.—For general information regarding interoceanic communication, see Various routes.]
Paris, Interoceanic Canal Congress..... 57
Patterson, C. P..... 53
Pauncefote. See Hay-Pauncefote treaty.
Peary, R. E..... 101
Penfield, Frederic C..... 170, 181, 193
Perkins, G. C..... 165
Peruvian minister, correspondence..... 47
Phillips, S. L..... 89, 92
Pierce, Franklin..... 29
Pittier, Henri..... 182
Portland, Oreg..... 164
Ports, commercial, distances between. 133, 162, 187
Presidents' messages. See names of Presidents.
extracts 87
Projects outlined 13, 16
Provisional Interoceanic Canal Society 89, 92
Publications, lists of. See Bibliographies.
Pugh, James L..... 81
Quay, M. S 150
Receipts and expenditures, estimated, Nicaragua Canal 90
Reed, Sir Edward J..... 88
Remonstrance..... 6, 110
Results of building canal 36
Richmond, Va., organization to promote Nicaragua Canal..... 151
Right of way..... 17, 18, 19
Rio de Janeiro, Interoceanic railway, starting from..... 195
Roads and Canals Committee, House 5
Robeson, George M 40
Rockwell, John A..... 13
Rodrigues, J. D 190
Rogers, Charles C..... 122

No. of entry.

Rogers, R. P..... 98
Roman, J. A 142
Rules Committee, House..... 153
Russell, Lord John, statement 26
Russia, not interested..... 83
San Francisco, Cal., Nicaragua Canal Convention..... 165
Schott, Arthur 34
Scriven, George P..... 160
Selfridge, Thomas Oliver 49
Senate..... 176, 200
Serapiqui reconnoissance 182
Seward, William H 37
Seymour, Charles..... 179
Sherman, J. S 187
Sherman, John 64, 110, 119, 133, 134, 141, 146, 152
Ship Railway Co. See Interoceanic.
Ship railway, interoceanic. See Tehuantepec route.
Shufeldt, R. W 42
Siberia, commerce..... 9
Sonnenstern, Maximilian (von)..... 43, 48, 142
Spanish documents, translations 41
Standard, London, extract..... 103
Stanton, F. P..... 14
State Department, correspondence 4, 7, 8, 17, 23, 25, 28, 29, 30, 32, 37, 43, 44, 45, 46, 51, 55, 56, 57, 62, 68, 83, 86, 87, 91, 95, 96, 102, 103, 115, 121, 123, 158, 166, 167, 192
reports 20, 54, 62, 72, 80, 82, 108, 115, 123, 184
treaties..... 15, 39, 62, 104, 105, 106, 113, 176
Statistics Bureau, Treasury Department, report 66
Stephens, John L 10, 12
Stephens's Central America, extracts..... 13
Stitt, E. R 168
Stockholders in Maritime Canal Co. of Nicaragua, list of..... 134
Storrs, Henry R..... 1
Strain, I. G..... 24, 93
Strategic value of Nicaragua Canal 196
Suez and Panama routes compared 84
Suez route, Asiatic shipments by 179
commercial aspect 174
construction of 58
correspondence relative to 58
financial aspect 174
free navigation of 218
operations of 58
receipts and disbursements 59
reports on 99
traffic, tables showing 59, 114, 118, 129, 170, 179, 181, 184, 193
[Note.—For general information regarding interoceanic communication, see Various routes.]
Sullivan, John T..... 93
Survey, important reports on—
Chiriqui commission (Chiriqui route)... 35
Craven, T. A. M. (Panama route) 65
Davis, Charles H. (various routes) 36, 41
Hatfield, Chester, and Lull. E. P. (Nicaragua route)..... 50
Lull, E. P. (Panama route)..... 52
Menocal, A. G. (Nicaragua route)..... 109
Michler, N. (Panama route) 33, 34

Digitized by Google

No. of entry.

Survey, important reports on—Continued.
NicaraguaCanal Board (Nicaragua route) 182
Rockwell, J. A. (various routes) 13
Selfridge, Thomas Oliver (Panama route) 49
Shufeldt, R. W. (Tehuantepec route) 42
Sonnenstern, Maximilian von (Nicaragua route) 48
Strain, I. G. (Panama route) 24
Sullivan, John T. (various routes) 98
[Note.—Chronological order of above: 13, 24, 33, 34, 35, 36, 41, 42, 48, 49, 50, 52, 65, 93, 109, 182.]
Technical information 93, 130
Tehuantepec route, advantages 11, 106
arguments for and against 98, 106
correspondence relative to 17, 32, 37, 107, 108
Eads bill, report on 73, 77
foreign governments, interests in 38
grants affecting 37
Interoceanic Ship Railway Co., incorporation 88
ease, report on 185
lecture on, by Corthell 173
mail route, establishment 21
Mexico, actions of, regarding 17, 18, 19, 37
petitions 11
right of way 19
surveys, reports on 42, 93, 107, 108
See also Clayton-Bulwer treaty.
[Note.—For general information regarding interoceanic communications, see Various routes.]
Terminal points, investigation of, for proposed canals 93
Territory, acquisition favored in Nicaragua and Costa Rica for canal 169
Testimony to determine suitable route 74
Thomas, Francis 47
Thompson, Ambrose W 35
Time extended for commencing work 91
saved, tables showing 12, 13, 133, 162, 187
Tonnage, attraction of, by Nicaragua Canal 133
Topography, American Isthmus 12, 31, 35
Trade, Panama 60
statistics of, between Atlantic and Pacific coasts 64, 66
Traffic, attraction of, by Nicaragua Canal 133
prospective Nicaragua Canal 133, 187
Treasury Department, reports 64, 66
Treaties. See State Department, treaties; also, names of treaties.
Turner, Oscar 73
United States, consent necessary to construction 70, 71
construction of Nicaragua Canal by, treaty relative to 104, 105, 106, 113
interests in Nicaragua 183
opposition to joint European guaranty of neutrality 83
steps to promote construction of canal 54, 78
steps to secure interests in canals 38

No. of entry.

United States Nicaragua surveying party 109
Upshur, A. P 7
Value and scope 5, 14, 16, 34, 36, 196
Van Dyke, Edward A 59
Various routes, commercial statistics 64
commercial value 59, 61
comparison 93
concessions affecting 62
correspondence relative to 2, 3, 5, 7, 13, 14, 16, 44, 47, 62, 63, 91, 96
distances saved 13
essays, extracts 13
extracts from reports, etc 13, 93
foreign governments, interests in 88, 125
hearings 74
historical facts 5, 93
interests in 38
international ship canal 44
maps and charts 13, 36
memoirs 13, 31
memorials 14
Monroe doctrine in relation to 76, 78
naval stations 72
negotiations, expediency of 2, 3
paper on 133
practicability of 53
reports on 48, 49, 61
results 36
review 48, 49
surveys, reports on 53, 93, 147
technical discussion 93
terminal points, inspection 93
time saved 13
treaties affecting, extracts 62
United States, steps taken by 54, 70, 71
value and scope 5, 9, 36, 93
See also Clayton-Bulwer treaty.
[Note.—For information regarding particular route see name of route.]
Vest, G. G 88, 100
Vifquain, Victor 180
Virginia, organization to promote Nicaragua Canal 151
Volcanoes in Costa Rica and Nicaragua 182
Von Sonnenstern, Maximilian. See Sonnenstern.
Voyages, comparison 12, 13
Walker, J. G 201
War Department library 175
Wheaton, Henry 8, 13
Wilson, B 76
Wilson, John M 60
Windom, William 85
Wise, George W 159
Wolcott, E. O 149
World's Water Commission, Chicago 182
Wyse-Lesseps concession 56
Zelaya, President, message of 209
Zoology, American Isthmus 34

Digitized by Google

GENERAL INDEX.

Page.

Abbot, Henry Larcom 52, 85
Abert, Sylvanus Thayer 9
About, Edward 95
Abt 79
Adams, Julius W 16
Airiau, A 52
Aldrich, Edward 32
Alexander, E. P 24
Alexander, J. H 9
Allen, Charles H 17
Alloury, Louis 95
American Atlantic and Pacific Ship Canal Company 21, 23, 25
American Shipping and Industrial League 86
Ammen, Daniel 9, 16
18, 21, 37, 38, 41, 44, 52, 62, 73, 74, 84, 86, 89, 93
Amos, Sheldon 95
Ancel 95
Anderson, Alexander Dwight 21, 44, 86
André, Gaston 52
Andree, K 69
Andrieux, L 130
Antigeon, Ch. Numa 52
Appleton, Nathan 16
Arosemena, Justo 52
Arrangoiz, Francisco de Paula de 91, 93
Arrow, Sir Frederick 122
Atkins, Thomas B 21
Atlanta Cotton States International Exposition. 1895 21
Atlantic and Pacific Ship Railway Company 86
Aube, Théophile 21
Audouard, Mme Olympe N 95
Avenel, Henri 22
Avout, Baron d' 95
Badois Edmond 95
Baily, John 9, 67
Baldwin, Roger S., jr 41
Bancroft, Hugh Howe 9
Barbié du Bocage, V. A 96
Barboux, Henri 52
Barkhausen, Carl Georg 76
Barnard, J. G 91
Barrault, Alexis 96, 117
Barrault, Emile 96, 117
Barrès, Maurice 84
Barthélemy Saint-Hilaire, Jules 96, 108
Bartlett, Franklin Gray 43
Bastide, Martin de la 22
Bataille-Straatmann 52
Bates, Henry Walter 9
Batres, Luis 9

Page.

Bauche, E 96
Baude, J. J 116
Baudrillart, Henri 118
Bayles, James Cooper 71
Beaumarchais, Maurice D. de 22
Becker, Heinrich 41
Bellet, Paul 96
Belly, Félix 22, 32, 36, 37
Belot, Gustave de 52, 86
Belt, Thomas 22
Benard, Emilio 22
Berchère, Narcisse 96
Bernard, H 96
Berteaut, Sebastien 96
Bertou, J. de 117
Bertrand, Marcel 55
Berwick, Edward 51
Beyeler 78
Bian, Louis 96
Biche, N 96
Bidwell, Charles Tolwell 53
Bigelow, John 53
Bilbaut, Théophile 96
Biolley, Paul 22
Bionne, Henry 53
Bizemont, Henri L., *Vicomte de* 53, 73
Black, Chauncey Forwood 44, 45
Blake, James Vila 123
Blakesley, Joseph Williams 118
Blanchet, Aristide Paul 22, 53
Block 123
Boas, Franz 39
Body, John E 16, 22
Boehm, Auguste Théodore (père) 96
Bogart, John 16
Bond, Edward 18
Bonpland, Aimé 11
Boissay, Charles 111
Bonneau, A 116
Borde, Paul 96
Bordot, Maurice 96
Borel, P 97
Bornier, Henri, *Vicomte de* 97
Bossicaut, P 97
Bötticher, Ernst 43
Boudon, Raoul 97
Bouniceau, P 97
Bourdoil, M 70
Boutan, Augustus 74
Boyd, R. Nelson 79
Bransford, John F 29, 39
Brasseur de Bourbourg, Charles E., *Abbé* 86
Brau de Saint-Pol Liais, Xavier 53

Digitized by Google

Page.
Braumüller, Joh 84
Breittmayer, Albert 97
Bressolles, Paul 53
Bresson, André 53
Breton, Paul 97, 110
Briggs, Robert 121
Brooks, W. A 118
Brüll 119
Bryan, William H 71
Buckingham, James Silk 53
Buel, Clarence Clough 74
Bulletin du Canal interocéanique 53
Bullettino dell' Istmo di Suez 97
Bülow, Alexander von 22
Bunau-Varilla, Philippe 53
Bunts, H. C 40
Burwell, William M 86, 92
Busquet, Léon 97
Bustamente, Antoine S. de 46
Buti, R 43
Butterworth, Hezekiah 22
Byam, George 23
Cadiat, V 97
Calindri, Ugo 97
Calonne, A. de 122
Cameron, Donald Andreas 97
Canal (Le) de Deux Mers 97
Canal (Le) de Suez, Journal 105
Canal (El) Panama 54
Cannon, C 108
Caracristi, C. F. Z 45
Carnot, President 83
Carré de l'Yonne 98
Cash, T. M 71
Cassidy, Patrick Sarsfield 46
Cattin, *l'abbé* 110
Celler 72
Cermoise, Henri 54
Céspedes, José Maria 23
Chaloner, Edward 10
Chambers, Washington I 23
Champein, Stanislas 98
Champetier de Ribes, A 98
Channing, William Francis 86
Charles-Roux, J 131
Chérot, A 125
Chevalier, Émile 68
Chevalier, Michel 34, 54, 67
Chevallier, V 98, 112
Chiché, A 54
Childs, Orville Whitmore 23, 32, 36
Christian, William E 83
Clapier, A 126
Clarke, *Lieutenant-Colonel* 103
Claus, H 50
Clavenad 79
Clayton, John Middleton 23
Clayton-Bulwer treaty. 23, 32, 38, 39, 40, 48, 49, 58, 70
Clément, Joseph 101
Clerk, J 121
Clerke, E. M 17
Cockburn, John 87
Codman, John 54
Coen, Gustavo 54, 79, 98
Cole, Francis Sewell 23
Colin, Aug 98

Page.
Collins, Frederick 72
Colné, Charles 76
Colombia, *Republic of New Granada* 54
Colquhoun, Archibald Ross 23, 46
Comegys, Joseph Parsons 23
Commission internationale du canal de Suez 98, 99, 103, 104, 130, 131
Compagnie Nouvelle du canal de Panama . 55, 61
Compagnie Universelle du canal de Suez .. 99, 100, 103, 104, 106, 120, 128
Compagnie Universelle du Canal interocéanique de Panama 55
Companyo, Louis 55
Concas y Palau, Victor M 77, 129
Confalonieri 130
Coninck, Frédéric de 100, 118
Conrad, Frederick Willem 100
Conservative-radical, a 102
Cook, J 69
Cooper, G. H 63
Corbin-Mangoux, Adrien 100
Corea, L. F 49
Corning, Frederick G 79
Cortambert, E 69
Corté 116
Corthell, Elmer Lawrence 23, 86, 87, 93, 94, 131
Cosmao-Dumènez, S. M 55
Costa Rica, *Republic of* 24
Costa Rica, *Secrétaria de Guerra y Marina* .. 24
Cottu, *Mme* 82
Couvidou, Pierre Henri 100
Cowan, J. S 124
Craig, Asa H 24
Craighill, William Price 43
Crampton, John F 35
Crane, T. J 10
Crowe, Frederick 55
Crowell, J. Foster 17, 38
Crowinshield, Arent Schuyler 19, 47
Cudmore, Patrick 24
Cullen, Edward 55, 70, 71
Cumming, Constance Frederica Gordon 124
Curtis, William Eleroy 47
Czapo (*pseud.*) 51
Dale, R 87
Daleng, Charles 100
Dallas, George Mifflin 92
Daly, Charles P 16
Danbiès, A 55
Dandereau, M 67
D'Antreville 100
Darien Canal Company of America 55
Darneille, Benjamin Johnson 55
Darquier, M 129
Dauchy, W. E 37
Dauprat, E 100
David, C. E 100
Davidson, George 58, 125
Davies, M. Rees 46
Davis, Arthur P 19, 28, 50
Davis, Charles Henry 10
Davis, George W 42
Davis, Horace 42
De Fourcy, Charles 17
Defrees, John Dougherty 55
Deharme, Ernest 100

Digitized by Google

Page.
De Kalb, Courtenay 42, 44, 45
Delafosse, Jude 100
De Leon, Edwin 100, 122
De Leon, Thomas Cooper 121
Demachy, É 56
Dénain, A 56
Denison, *Sir* William Thomas 120
Député (*pseud.*) 56
Desavoye 101
Deschanel, Paul 56
Desplaces, Eugène Ernest 101, 105
Detroyat, L 82
Dicey, Edward 128
Dilke, *Sir* Charles Wentworth 50
Dillon, John A 93
Dodd, George 75
Donnat, Léon 101
Donville, H 82
Dorn, Alexander 56
Doury, P 101
Dow, Lorenzo 71
Drohojowska, A. J. F. A. S. de L 101
Drouillet, Léon 56
Dry, C 56
Dubois, V 56
Du Buit, C. H 56
Ducout, Prosper 101
Dumas, A 56, 82, 84
Dunlop, Robert Glasgow 10
Dunsany, *Lord* 127
Dupas (*pseud.*) 56
Dupin, Charles, *Baron* 95, 101, 118
Duponchel, Adolphe 56, 81, 82
Durand-Savoyat, James 56
Dutton, Clarence E 25
Eads, James Buchanan 87, 93
Eads Concession Company 87
Eaton, Frederick A 122, 123
Économiste (*pseud.*) 56
Egerton, F 101
Egypt, *Ministère de l'Interieur* 101
Ehle, Boyd 28
Eissler, Manuel 75
Endicott, *Rear-Admiral* 51
Enfantin, B. P 111
Engelnstedt, N. von 41
Engle, Frederick 70
Espada, Marcos Jiménez de la 40
Esprit Éclaire 123
Etienne, Paul 55
Evans, Anthony Walton White 16, 37, 73
Evans, S. S 28
Fabens, Joseph Warren 57
Fairbairm, Henry 57
Farr, William 125
Fay, J. D 23
Findlay, Alexander G 15
Fitzgerald, Percy Hetherington 101
Fitzgerald, William Foster Vesey 101
Fitz-Roy, Robert 68
Flachat, Eugène 101
Flachat, Jules 57, 119
Fleming (———) 10
Fleming, H. S 45
Fleury 129
Fleury, J 101

Page.
Floridian, L. M 57
Foledo, Roderico 10
Fontane, Marius 56, 101, 102
Fontbonne, G. de 57
Fontpertius, Adalbert Frout de 74
Forain, J. L 57
Ford, Worthington Chauncey 85
Foster, R 83
Fouquier, A 102
Fournel, Henri 102
Fournier de Flaix, Ernest 102
Fowler, J 121
France, *Ministère des affaires étrangères* 102
Francis, Charles 18
Franzius 124
Friedrichsthal, Emanuel 34
Friend, Charles 68
Froebel, Julius 25
Frühauf 81
Frye, William Pierce 25
Furcy-Chatelain 10
Gäbler, Ludwig 57
Gaget 122
Galbert, Pierre Abel Marie Oronce, *Comte de* 102
Galindo, Juan 15
Galloway, John Alexander 102
Gallut 127
Gámez, José D 25
Gamgee, John 10
Garay, José de 87, 92
Garçon, A 57
Gardner, James T 16, 37
Garella, Napoléon 57, 67
Gaul, Gilbert 43
Geikie, James 75
Gentilli, A 121
Gijselaar, N. C. de 57
Gilman, Daniel Coit 119
Ginoux, Louis 102
Gioia, E 74
Giordan, François 88
Gisborne, Lionel 57, 70
Glynn, Joseph 10, 116
Godkin, Edwin Lawrence 18, 38
Gogorza, Anthoine de 57, 81
Going, Charles B 46
Gonzalez, Darío 10
Goode, R. U 82
Goodwin, J. M 57, 74
Gordon, *Sir* Alexander Duff 119
Gordon, W. J 81
Gorringe, Henry H 17
Gossip, G. H. D 45
Grammont, H. D. de 102
Grant, Charles R 75
Grant, Ulysses Simpson 21, 37, 38
Granville, *Earl* 104, 128
Gray, Thomas 113
Great Britain, *Admiralty* 102
Great Britain, *Foreign Office* 57
Great Britain, *Parliamentary Papers* ... 25, 103–105
Great Britain, *War Office* 105
Greely, Adolphus Washington 47
Griffin, George Butler 17
Griswold, Chauncey D 58
Grotius (*pseud.*), see Darneille, B. J 55

Digitized by Google

Page.
Grover, John William 125
Grubb, Edward Burd 122
Guillemin, A 105
Gunn, Otis B 25, 42
Gustafson, Axel Carl Johan 58
Guzzi 16
Hagen 123
Hale, J 10
Hale, W. S 83
Hall, Edward Hepple 121
Hall, H. H 16, 93
Hall, Robert T 19
Hamilton, William R 44
Harcourt, Leveson Francis Vernon 10, 18
Harman, John A 19
Harris, Stephen 28
Harvey, Charles T 42
Hatfield, Chester F 25
Haughton, B 105
Haupt, Lewis Muhlenberg 18, 47, 51
Hawkins, L 28
Hawkshaw, *Sir* John 105, 119
Hawthorne, Harry L 40
Hayes, C. Willard 28, 50
Hayne, Robert Young 58
Headley, Joel Tyler 69
Heine, Wilhelm 25
Helene, Maxime (*pseud.*) 10
Hellert, J. J 58, 67
Hennebert, E 105
Hennings 17
Hepburn, William P 51
Hermesdorff, M. G 92
Heron, Robert Matthews 105
Hersent, H 75
Hervey, Charles T 25
Hill, H. R 58
Hill, Robert Thomas 84
Hinman, George Wheeler 83
Hoadley, David 58
Hobbs, George W 38
Holinski, Alexandre Jean Joachin 10
Holland, Thomas Erskine 127
Honduras Interoceanic Railway Company. 88, 90
Hooper, George 130
Hort, Mrs. Alfred 25
Howard, D. S 36
Hubbard, Gardiner Greene 17
Hubbard, Richard B 44
Hueston, J. C 25, 41
Hughes, George W 25
Hull, Amos Girard 83
Hull, E. C. P 105
Humboldt, Friedrich Heinrich Alexander, *Freihrr von* 10, 11
Hunter, William Henry 19, 49, 58, 85
Hurlbert, George C 79
Hurst, Thomas Wright 11, 45, 84, 85
Hutchinson, E. S 77
International Commercial Congress 20
International Scientific Commission. 98, 99, 103, 104
Irigoyen, Carlos 18
L'Isthme de Suez, Journal 105
Jaeger, Charles 106
Jameson, Charles D 78
Jeans, J. Stephen 11, 80, 81

Page.
Jeula, Henry 124
Johnson, Emory R 19, 25, 26, 46, 50
Johnston, William E 16, 58, 73
Jonveaux 117
Jordan, G. Gunby 45
Keasbey, Lindley Miller 26, 27, 46, 49
Keely, Robert N., jr 45
Keller, C 106
Keller, François Antoine Édouard 26
Kelley, Frederick M 16, 58, 69, 70, 74
Kercheval, A. W 92
Kiddle, W. W 76
Knighton, William 120
Koep, C 58
Kohl 80
Krukenberg, C. Fr. W 106
Kurtze, F 11
La Bedollière, Émile de 106
La Condamine, Charles Marie de 11
Ladame, J 106
La Fond de Lurcy, Gabriel 26
Lahaye, R 106
Lalance, Aug 73
Lambert, Ernest 83
Lambert de Sainte-Croix, Alexandre 11
Lançon, Romain 106
Lange, Sir Daniel Adolphus 103, 106, 123
Laporte 106
Larousse, E 106
Larrainzar, Manuel 88
Laugel, Auguste 16
Lavalley, A. T 106, 107, 120, 121
Lawrence, *Lieutenant* 34
Lawrence, Thomas Joseph 58, 128
Layrle, J 119
Lebbé, R 58
Le Cointre 125
Le Cordier, Léon 107
Lefer 82
Le Moine, M 66
Le Moine, Auguste 58, 59
Le Nocher 84
Léon 126
Leroy-Beaulieu, Pierre Paul 77, 109
Le Saint, L 107
Lesseps, Charles de 52, 55, 104, 107
Lesseps, Ferdinand Marie, *Vicomte de* 13, 52, 55, 57, 59, 72, 73, 74, 75, 77, 78, 80, 81, 83, 87, 95, 98, 99, 100, 104, 105, 107, 108, 111, 113, 117, 118, 120, 121, 125, 126, 129
Letort, Charles 124
Letronne, Jean Antoine 116
Letts, J. M 26, 59
Leupp, Francis Ellington 50
Levadé, L 108
Levita, Cecil B 19
Levy, Lionel C 43
Lévy, Paul 26, 36, 71
Leygue, L 59
Lindemann, Charles 86
Lindsay, William Schaw 109
Liot, W. B 59
Lisbonne, É. Eliacinthe 80
Lloyd, John Augustus 59, 66, 68
Login, T 123
Lombardini, Elia 109, 119

Digitized by Google

Page.
Longridge, J. A. 120
Loredan, Pierre 109
Loring, William Wing 109
Lucas, Auguste 59
Lucas, Daniel Bedinger 26
Ludlow, William 19, 46
Lull, Edward P. 17, 25, 26, 37, 59
Lynch, Thomas Kerr 109
Maack, G. A. 72
McClean, J. R. 111, 119
McCoan, James Carlile 109
MacCorkle, William Alexander 26
Macdonell, John 126
McFarland, Walter 11, 26
McGeachy, Edward 11
McLaughlin, James Fairfax 26
Magniac, Charles 125, 129
Magois, Louis 109
Mahan, Alfred Thayer 26, 43
Mahon, T. M 47
Malte-Brun, Victor Adolphe 59, 70
Mangin, Arthur 120, 125
Manson, Nathaniel J 26
Manville, Alexander B. de 109
Marcel, Gabriel 92
Marcou, Jules 59
Maréchal, Henry 59
Maritime Canal Association 26
Maritime Canal Company of Nicaragua 21, 27
Marquet, Pierre 109
Marsland, George 125
Marteau, Amédée 121, 122, 123
Martin, Carlos 59
Martin, Étienne 109
Mason, J. M 88
Masson, Georges 109
Mathis 82
Maurice, J. F 105
Maury, Matthew Fontaine 16, 67
Meagher, Thomas Francis 70
Means, David MacGregor 18
Mellet, François Noël 110
Melville, George W 27
Menocal, Aniceto G 16, 17, 18, 27, 29, 33, 39, 41, 62, 74
Mercado, Diego de 27
Merchant, Jules W 124
Merry, William Lawrence 18, 27, 42, 44, 46
Methuen, Robert 110
Mexico. *Congreso. Senado* 88
Mexico, *Ministerio de Hacienda* 88
Mexico, *Ministerio de Relaciones Interiores y Esteriores* 88
Mexico, *Secretaria de la Camara de diputados* 88
Mexico, *Secretaria de Fomento* 88
Michler, N 59
Midy, Félix 110
Mierisch, Bruno 46
Miles, R. H 120
Miller, J. W 29, 46
Miller, John F 27
Miller, Warner 27, 42, 43, 47
Mimande, Paul 59
Minot, G. S 59

Page.
Mitchell, Henry 122
Molina, Felipe 27
Molinari, Gustave de 59
Money, Hernando De Soto 48
Mongredien, Augustus 110
Monroe doctrine 22, 23, 26, 32, 33, 37, 38, 40, 46, 55, 64, 75
Montague, G. P 42
Monteil, Louis 110
Montémont, Albert 35
Montgomery, George Washington 27
Montúfar, Lorenzo 12
Moore, Robert 18
Morelet, Arthur 12
Morellet, M 110
Morgan, John Tyler 43
Morgan, Philip Hicky 126
Morison, George Shattuck 46
Moro, Cayetano 89
Mosquera, Thomas Cipriano de 59, 60
Mouchot, P 60
Mougel-Bey 114
Mourette, M 110
Müller 82
Murphy, J. M 92
Myers, T. Bailey 37
Nansouty, Max de 80, 81
Napoleon III, *Emperor of France* 27
Nelson, Wolfred 60
Newcome, F. N 17
New York banker 19
New York *Chamber of Commerce* 28
Neymark, Alfred 89
Nicaragua Canal Commission, 1897–1899 28
Nicaragua Canal Construction Company 29
Nicaragua Canal Convention, 1892 42
Nicaragua (*Republic of*) 28
Nicol, John M 47
Nicole, G 110
Niles, Nathaniel 60
Nimmo, Joseph, jr 19, 29, 46, 47
Noble, Alfred 49
Noirot, Adolphe 110, 119
Northcote, *Sir* S 128
Nouette-Delorme, Albert J 110
Nourse, Joseph Everett 16, 110, 124
O'Connor, Luke Smyth 15
Ogden, R 84
Olinda, Alexander 42, 43
Oliphant, Lawrence 70
Onderdonk, Andrew 28
Ørsted, Anders Sandøe 29, 35
Ortega, F 29
Osborn, Thomas W 73
Otis, Fessenden Nott 60, 70
Oviedo y Valdez, Gonzalo Fernandez de 29
P., F 111
Paleocapa, Pietro 111
Palmer, Aaron H 12
Palmerston, *Lord* 106, 112
Panama (New) Canal Company 55, 61, 84
Panama Railroad Company 60, 61, 68
Panglosse 61
Paponot, Félix 61, 62, 111
Paredes, Juste 66

Digitized by Google

Page.
Paris, Édmond, *Vice-Admiral* 111
Paris, Interoceanic Canal Congress..... 16, 62, 72, 73, 74, 84
Paton, Émile 62
Pautet, Jules 30, 36
Peary, Robert Edwin..... 18, 29, 38, 39, 40, 41
Peborde, de..... 111
Pector, Désiré 30
Pegot-Ogier, Eugène..... 116, 117
Pelletier, Eugène..... 89
Penfield, Frederick Courtland..... 111
Pennesi, Giuseppe..... 43, 83
Peralta, Manuel M. de..... 12, 27, 30, 36, 37
Perier, Cárlos Maria 129
Perry, Edward W..... 30
Pescheck 78, 82
Phelps, S. L..... 30, 89
Philipon, E..... 111
Phillips, Charles..... 34
Pichot, A. Pierre 111
Pickett, James Chamberlain 62
Pim, Bedford C. T..... 16, 30, 36, 73
Pinta, Gustave 62
Pitman, C. B 108
Pitman, Robert Birks 62
Plauchut, E 74
Plumb, Edward Lee..... 89
Poirée, A 112
Poisson 112
Polakowsky, Helmuth ... 40, 41, 42, 46, 47, 62, 81, 82
Ponsolle, Paul..... 62
Pöppig, Eduard..... 12
Pottier, Henri 30
Pouchet, James..... 12, 30
Pradt, Dominique Dufour, *Abbé de* 62
Prétot, P. L..... 112
Prevost, James Charles. 69
Proctor, John Robert 41
Provisional Interoceanic Canal Society 28, 30
Puydt, Lucien de 62, 71, 72
Quesnay de Beaurepaire, Jules 62
Rabino, Joseph 130
Rada 76
Ramond, M. de..... 99
Ransome, F. Leslie..... 28
Ratcliff, Samuel 62
Rathbone, William 126
Ravizza..... 16
Reavis, Logan Uriah..... 89
Reclus, Élie Armand Ebenhezer..... 13, 62, 65
Reclus, Jean Jacques Eliseé 12, 36, 123
Reden, Friedrich Wilhelm, *Freiherr von*.... 35
Reder 119
Redfield, William W..... 81
Reed, *Sir* Edward James 89
Reed, Thomas Brackett..... 51
Reichardt, C. F 12, 30
Reid, *Sir* Robert Threshie 127
Reilly, F. S..... 103
Reynolds, Thomas C..... 27
Rezzadore, P..... 77
Richards, *Captain*..... 103
Richardson, David M 12
Riener, Martin 123

Page.
Riou, F..... 102
Ritt, Olivier 112
Rives, George L..... 19, 24
Rockwell, Charles H..... 120, 126
Rodrigues, J. C..... 63, 74
Rogers, Charles Custis 63, 81
Rogers, Edward Thomas..... 126
Rogers, Mary Eliza 126
Rogers, R. P..... 63
Romero, Matias..... 89, 93
Rossignol, L. M 112
Rothschuh 43
Rouanet, Gustave..... 63
Roussin, A..... 120
Roux, J..... 96
Royer, Clémence 16, 63, 72
Royle, Charles..... 112
Ruggles, Samuel Buckley 16, 31, 37
Rumeau 99, 112, 122
Rundall, Francis Hornblow 112, 128
Saabye, Oscar A. E..... 84
Saïd-Pacha 105
Saillior, E..... 112
Saint-Amant, Pierre Charles de..... 63
St. Louis Nicaragua Canal Convention, 1892. 31
Salisbury, *Lord* 128
Salmuda, J. D'Aguilar 122
Samper, Soledad Acosta de 82
Sampson, Marmaduke B..... 12
Samwer, Karl..... 35
Sanborn, Helen J..... 12
San Francisco, *Board of Trade* 31
San Francisco, *Chamber of Commerce* 31
Saravia, Miguel G 12
Saravia, S. A..... 12
Sarti, J..... 113
Saulnier, E 63
Sautereau, Gustave 12, 30, 63
Say, Horace..... 117
Scamper, Mr..... 122
Scarpellini, E. F 113
Schefer, C..... 84
Scherzer, Karl 14, 31, 63, 121
Schleiden, M. J..... 113
Schwartz, Laura King 93
Scriven, George P..... 31, 44
Scruggs, William Lindsay 39
Sébillot, Amédée 63
Seddon, W. L 93
Sédillot, L. P. E. A..... 68
Seebach, Karl Albert Ludwig, *Freiherr von*.. 12
Seidel, H..... 93
Selfridge, Thomas Oliver, jr 16, 63, 73
Senior, Nassau William..... 113
Serrell, Edward Wellman..... 69
Seymour, *Sir* Edward Hobart..... 82
Shelbourne, Sidney F..... 16, 63, 73
Sheldon, Henry Isaac..... 31
Sherman, John 41
Sherwood, G. W..... 44
Shortt, Adam 49
Shufeldt, R. W 90
Silvestre, Henri..... 113
Simencourt, A. de..... 113

Digitized by Google

Page.
Simmons, William E 31
Simonin, Louis 36, 63, 78
Slavin 78
Smalley, Eugene Virgil 85
Smith, George Barnett 113
Smith, George H 42
Smith, J. H 69
Smith, John Lawrence 13
Snow, Freeman 31, 40
Sobral, José Guitérrez 47
Sonnenstern, Maximilian von 31
Sorin, Élie 113
Sosa, P 65
Spahr, Charles Barzillai 48
Spears, John Randolphe 41
Specht, George J 38
Spément, A 113
Squier, Ephraim George .. 13, 31, 32, 34, 35, 38, 90, 92
Squire, Watson Carvosso 32
Stadden, Corry Montague 48, 49
Stanford, Philip 84
Steele, John 113
Steevens, George Warrington 113
Steiner, Ch 113
Stephens, Alexander Hamilton 32
Stephens, John L 13
Stevens, Henry 90
Stevens, Simon 90, 93
Stillman, J. D. B 36
Stockton, Charles Herbert 20, 39
Stoddard, William Osborn 124
Stoess, W. *Chevalier de* 113
Stout 42
Stout, Peter F 32
Stradling, A 40
Strain, Isaac G 63, 69
Strange, Thomas Bland 49
Stuart, A 113, 114
Stuart, Francis Lee 28
Stuart, Henry Windsor Villiers 114
Stuckle, Henri 13, 90
Suckau, Henri de 91, 114
Suez canal, Free navigation 104, 114, 126, 130
Suez canal, Rules for 100, 121
Sullivan, John Thomas 13
Szarvady, Friderik 114
Tarayre 114
Tackels, C. J 13
Talabot, Paulin 117
Tamin-Despalles O 64
Tanco, Mariano 64
Taylor, Benjamin 48, 83
Taylor, Henry Clay 29, 32, 38, 39, 40
Tenterden, *Lord* 103
Testot, L 121
Thomassy, J 114
Thomé de Gamond, Aimé 32
Thompson, Joseph Parrish 15
Thompson, Richard Wigginton 64
Thwaite, B. H 43
Tillet, M. J. du 131
Tissandier, Gaston 78
Tissot, E 96
Toca, Pedro Sánchez de 80
Tomes, Robert 64

Page.
Townsend, George Alfred 45
Tracy, Henry 16, 73
Trautwine, John Cresson 64, 68, 70, 72
Treat, C. P 45
Trundle, H. H 28
Tucker, George Fox 32
Turpie, David 47, 49
Twiss, *Sir* Travers 114, 126, 130
Twombly, A. S 93
Urquhart, David 114
V., A. de 101, 114
Vanéechout, Édouard 16
Verbrugghe, Luis 13
Verdereau, A. E 64
Vérité, H 64
Verstraet, L 13
Vetch, James 114
Vierne, H 119
Vignoles, Charles B 122
Villaume, Maxime 13
Vimercati, Césare 64, 114
Vincent, Frank 13
Vincente, Nemisio 80
Viquez, Pio 32
Vogt, Hermann 114
Voisin-Bey 17, 105
Volkman 129
Vyse, Griffin W 114
Wachenhusen, Hans 114
Wachs, Otto 43
Wafer, Lionel 64
Wagner, Moritz 14, 70, 71
Walker, J. W. D 28
Walker, James 32
Walker, John Grimes 32
Wallace, *Sir* Donald Mackenzie 115
Walsh, George Ethelbert 19
Walsh, Patrick 44
Walton 66, 67
Waring, Charles 127
Warner, Charles Dudley 115
Waterfield, O. C 76
Waterhouse, Sylvester 32
Watts, George B 68
Webb, William Henry 32
Webster, Daniel 65
Webster, Sidney 18
Weingart 79
Weiss, E 117
Weld, Stuart F 79, 80, 81
Wellens, F 123
Wells, William Vincent 91
West, G 124
West, Preston C. F 17
Wharton, Francis 32
Wheaton, Henry 67
Wheeler, E. S 28
Wheeler, W. H 130
Wheelwright, William 65
Whetham, John Whetham Boddam 14
White, Arthur Silva 45, 115
White, Horace 41, 79
White, T. Phillips 42
Whitehouse, F. C 115, 130
Whymper, Edward 81

Digitized by Google

Page.
Wildenbruch, Herr von 117
Willey, Day Allen 47
Williams, Alfred 33
Williams, J. J 91, 92, 93
Wilson, *Sir* C. Rivers 104
Wilson, Erastus 33, 91
Windom, William 91
Winn, Frank L 44
Winthrop, Theodore 65
Wolff, *Sir* Henry Drummond 107
Woodbury, Levi 65
Woolsey, Theodore Salisbury 14, 19

Page.
Worrall, James 75
Wyatt, V 70
Wyse, Louis Lucien Napoléon Bonaparte Théodore 13, 65, 72, 74, 84
Yglesias, Rafael 48
Young, Jesse 16, 73, 126
Zaragoza, Justo 17
Zeledón, Pedro Pérez 24, 33
Zoller, Hugo 65
Zurcher, Phillipe 55
Zweifel 74

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